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Serial No. 70

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
E. LESTER JONES, SUPERINTENDENT

CATALOGUE
OF
CHARTS, COAST PILOTS, AND TIDE TABLES

1918

WASHINGTON
GOVERNMENT PRINTING OFFICE
1917

Serial No. 70

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U. S. COAST AND GEODETIC SURVEY
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NOTE.—Copies of this Catalogue can be obtained, FREE OF CHARGE, upon application at any of the Sale Agencies, or by letter addressed to the Superintendent of the Coast and Geodetic Survey, Washington, D. C.

PUBLICATIONS OF THE COAST AND GEODETIC SURVEY.

Annual Reports.—These consist of a review of the progress of the work during the year, and an abstract of work done in the field and in the office, with sketches illustrating the progress of the work. Professional papers relating to the methods and results are published separately.

FOR SALE.

Charts.—See explanatory note, page 12.

Coast Pilots.—A series of volumes covering the coasts of the United States, Alaska, and the insular possessions, containing descriptions of the coasts and harbors, aids to navigation, harbor regulations and facilities, sailing directions, and other general information for the use of mariners, have been published. These are corrected to date of issue as nearly as practicable, and new editions are issued from time to time. (See p. 10.)

Inside Route Pilots.—These contain information similar to that found in the Coast Pilots, but designed particularly to meet the needs of motor-boatmen, have been prepared covering the inside waters of the Atlantic and Gulf coasts, and new editions are issued at frequent intervals. (See p. 10.)

Tide Tables.—The predicted time and height of the tide at the principal ports of the United States and at many foreign ports are given in these tables for every day of the year, with a table of differences, by means of which the times and heights at intermediate ports may be ascertained. Reprints of the tables for the Atlantic and Pacific coasts of the United States are issued separately. (See p. 11.)

Agencies for the sale of these charts, Coast Pilots, and Tide Tables have been established in many ports of the United States and in some foreign ports. See list of agencies on pages 7 to 9. They can also be purchased at the office of the Coast and Geodetic Survey, Washington, D. C. If ordered by mail, prepayment is obligatory; remittances should be by postal money order, express order, or certified check payable to the "United States Coast and Geodetic Survey," and not to any individual by name; postage stamps can not be accepted; the sending of money in an unregistered letter is unsafe; only catalogue numbers of charts need be mentioned. Publications mailed free of postage.

FOR FREE DISTRIBUTION.

All other publications of the Coast and Geodetic Survey.

For **Catalogue of Charts** and List and Catalogue of all the publications of the Survey, 1816–1902, apply to the Superintendent of the Survey at Washington, D. C.

Notices to Mariners.—Corrections to be applied to charts to keep them up to date are included in the Notice to Mariners, published weekly by the Bureau of Lighthouses and the Coast and Geodotic Survey. Announcements of new charts, new editions of charts, charts canceled, editions canceled, and of the various new publications of the Survey are made in these "Notices." Apply to the Superintendent of the Survey at Washington, D. C., the agencies of the Coast and Geodetic Survey, U. S. Customhouses, the Hydrographic Office of the U. S. Navy at Washington, D. C., the Branch Hydrographic Offices, the Bureau of Lighthouses at Washington, D. C., the Inspectors of the Lighthouse Districts, and the U. S. Consulates in foreign ports. Locations and addresses of Branch Hydrographic Offices and of Inspectors of Lighthouse Districts are given in the "Notices."

Notices to Mariners and Sailing Directions (see p. 11) relating to the Philippine Islands are issued from time to time at the Coast and Geodetic suboffice in Manila, P. I., and can be obtained from that office and from the Superintendent of the Survey at Washington.

EXPLANATION OF DATES ON UNITED STATES COAST AND GEODETIC SURVEY CHARTS.

All United States Coast and Geodetic Survey charts bear below the border line a note indicating the date on which they were issued from its office in Washington, D. C. The old form of this noto, still on many charts, is—

Lights, beacons, and buoys corrected
for information received to
(date.)

Another form of this note is as follows:

LATEST CORRECTION TO CHART
LIGHTS, BEACONS, BUOYS, AND DANGERS
CORRECTED TO DATE OF ISSUE (date).

The most recent form of this note is as follows:

LIGHTS, BEACONS, BUOYS, AND DANGERS CORRECTED
FOR INFORMATION RECEIVED TO DATE OF ISSUE (date).

It should be understood that no additional information relative to lights, beacons, buoys, and dangers which could be charted had been received previous to this date. It is therefore unnecessary for a mariner to examino his file of Notice to Mariners of date prior to the date of issue of the chart for such corrections.

Other dates which appear on these charts are of less importance to mariners, but are necessary for the identification of the edition and priut of the chart, and should be understood by those who use the chart.

A note, known as the authority note, gives the dates (years) of the surveys from which the chart was constructed.

The old form of this note, still on many of the charts, is—

TRIANGULATION EXECUTED (date).
TOPOGRAPHY EXECUTED (date).
HYDROGRAPHY EXECUTED (date).
CORRECTED FROM SURVEYS BY THE CORPS OF ENGINEERS, UNITED STATES ARMY (date).

This is being superseded as rapidly as possible by the following form:

AUTHORITIES:
SURVEYS (date).
SURVEYS BY U. S. ENGINEERS (date).

The surveys are by the United States Coast and Geodetic Survey unless otherwise stated. The dates in this note remain unchanged until a new editiou of the chart is published.

When a new chart is issued, the date (month and year) is printed in the publication note. The old form of this note, still on many of the charts, is—

PUBLISHED AT WASHINGTON, D. C.
(date)
BY THE U. S. COAST AND GEODETIC SURVEY
(name) *Superintendent*

It will be found usually just below the title. A more recent form of this note is—

WASHINGTON, D. C.
COAST AND GEODETIC SURVEY
(date)

placed just below the border in a central position. Both forms are being superseded as rapidly as possible by the following:

PUBLISHED AT WASHINGTON, D. C. (date)
BY THE U. S. COAST AND GEODETIC SURVEY
E. LESTER JONES, *Superintendent*

which is always placed just below the border of the chart and as near a central positiou as possible. The date in this note remains unchanged until an extensive correction is made on the plate from which the chart is printed. The date is then changed and the issue is known as a new edition.

When a correction, not of sufficient importance to require a new edition, is made to a chart plate, tho year, month, and day are noted below the border in the left-hand corner of the chart, thus: 14–6/30, 7/22, 15–2/3, 5/27.

AGENCIES FOR THE SALE OF THE CHARTS, COAST PILOTS, AND TIDE TABLES OF THE COAST AND GEODETIC SURVEY,

AND FOR THE FREE DISTRIBUTION OF ITS NOTICES TO MARINERS, CHART CATALOGUES, AND TABLE OF DEPTHS.

MAINE—
- Bar Harbor: Fifield & Joy.
- Bath: *Charles A. Harriman, 106 Front Street.
- Belfast: *Newton S. Lord, 31 Front Street.
- Boothbay Harbor: R. G. Hodgdon.
- Camden: The Village Shop, 25 Main Street.
- Eastport: L. S. Wadsworth & Son, 5–8 Central Wharf.
- Jonesport: E. B. Sawyer.
- Machiasport: Willard S. Cates.
- Millbridge: E. W. Wallace.
- Northeast Harbor: The A. G. Bain Co.
- North Haven: C. S. Staples.
- Portland: *Wm. Senter & Co., 51 Exchange Street.
- Rockland: *Huston-Tuttle Book Co., 405 Main Street.
- Vinal Haven: L. M. Treat.

NEW HAMPSHIRE—
- Portsmouth: W. S. Jackson.

MASSACHUSETTS—
- Boston:
  - *W. E. Hadlock & Co., 132 State Street.
  - *C. C. Hutchinson, 154 State Street.
- Gloucester:
  - George H. Bibber, 161 Main Street.
  - Jeremiah Foster, 150 Main Street.
  - F. S. Thompson, 164 Main Street.
- New Bedford:
  - A. C. Smith, 27 William Street.
  - Briggs & Beckman, 31–35 Commercial Street.
- Vineyard Haven: E. R. Tilton.

RHODE ISLAND—
- Block Island: *C. C. Ball.
- Newport:
  - *J. T. O'Connell, 89 Long Wharf.
  - *W. H. Tibbetts, 185 Thames Street.
- Providence: *Goff & Page, customhouse.

CONNECTICUT—
- Bridgeport: *J. H. Shannon, customhouse.
- Hartford: *Robert D. Stevens, customhouse.
- Middletown: Hazen's Bookstore, 198 Main Street.
- New Haven: *Edward A. Welch, customhouse.
- New London:
  - *Edwin Keeney & Co., corner Bank and State Streets.
  - The Darrow & Comstock Co., 114 Bank Street.
- South Norwalk: Chas. J. Prescott.
- Stamford: Fred. A. Taff, 343 Atlantic Street.
- Stonington: James H. Stivers, 72 Water Street.

NEW YORK—
- Albany: B. Lodge & Co., 91 North Pearl Street.
- Greenport: George B. Preston.
- Huntington: Huntington Hardware Co.

NEW YORK—Continued.
- New York:
  - *T. S. & J. D. Negus, 140 Water Street.
  - *John Bliss & Co., 128 Front Street.
  - *R. Merrill's Sons, 66 South Street.
  - *Michael Rupp & Co., 112 Broad Street.
  - *Rand, McNally & Co., 40–42 East Twenty-second Street.
  - *C. S. Hammond & Co., 30 Church Street.
  - *Motor Boat Publishing Co., 110–112 West Fortieth Street.
  - *United States Coast and Geodetic Survey suboffice, room 403, customhouse.
- Northport: Charles S. Mott.
- Sag Harbor: Charles P. Cook.

DELAWARE—
- Wilmington: David A. Hay & Co., 121 Market Street.

PENNSYLVANIA—
- Philadelphia:
  - *Riggs & Bro., 310 Market Street.
  - *Jno. E. Hand & Sons Co., 224 Walnut Street.

MARYLAND—
- Baltimore: *Jno. E. Hand & Sons Co., 17 South Gay Street.

DISTRICT OF COLUMBIA—
- Washington:
  - *Coast and Geodetic Survey Office.
  - Brentano's, 1200 F Street NW.

VIRGINIA—
- Newport News: *W. L. Shumate & Co., 133 Twenty-fifth Street.
- Norfolk:
  - *William Freeman, 304 Main Street.
  - *Shaffer's Book and Stationery Store, 107 Granby Street.

NORTH CAROLINA—
- Wilmington: Thomas F. Wood, 1 Princess Street.

SOUTH CAROLINA—
- Beaufort: *P. A. Roper, customhouse.
- Charleston: *H. B. Kirk, 10 Broad Street.

GEORGIA—
- Brunswick: Minton H. Johnson, customhouse.
- Savannah: *Geo. I. Morris, customhouse.

FLORIDA—
- Apalachicola: J. E. Grady & Co., Water Street.
- Fernandina: *S. M. Thompson.
- Fort Myers: James B. Parker.
- Jacksonville: *The H. & W. B. Drew Co.
- Key West: *Alfred Brost, customhouse.

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* Quarterly agent. In general, quarterly agents carry in stock a greater variety of charts and publications than are usually carried by cash agents.

FLORIDA—Continued.
- Miami: Frank T. Budge.
- Pensacola: *McKenzie Oerting & Co., 603 Palafox Street.
- Sarasota: Frederic A. Riegel.
- Tampa: *Tampa Book & News Co.
- Tarpon Springs: *Webster Little.
- West Palm Beach: Palm Beach Mercantile Co.

ALABAMA—
- Mobile: *The Emerald Co. (Inc.), 207 Dauphin Street.

LOUISIANA—
- New Orleans:
  - *Woodward, Wight & Co., corner Howard Avenue and Constance Street.
  - *Kokosky & Co., 614 Gravier Street.
  - J. S. Sareussen, 619 Godchaux Building.

TEXAS—
- Galveston:
  - *Charles F. Trube, 2415 Market Street.
  - *Purdy Bros., 2217 Market Street.
  - *U. S. C. & G. Survey suboffice, 413 Security Building.

CUBA—
- Habana: Hillebrand y Menció, 10 Mercaderes.

PORTO RICO—
- San Juan: Mrs. J. A. Rose, care of Chief Clerk, U. S. Lighthouse Service.

CANAL ZONE—
- Cristobal: *Captain of the Port.

ARGENTINA—
- Buenos Aires: Rodolfo Bösenberg, Victoria 824.

ILLINOIS—
- Chicago: Rand, McNally & Co., 168 Adams Street.

CALIFORNIA—
- Eureka: *James E. Mathews, 423 F Street.
- Long Beach: Floyd T. Voris.
- Los Angeles:
  - *Cunningham, Curtiss & Welch Co., 252 South Spring Street.
  - *Marine Equipment Co. (Inc.), 729 South Los Angeles Street.
- San Diego: *Arey-Jones Co., 933 Fourth Street.
- San Francisco:
  - *Louis Weule Co., 6 California Street.
  - *Geo. E. Butler, Alaska Commercial Building, corner California and Sansome Streets.
  - *H. J. H. Lorenzen, 12 Market Street.
  - *A. Lietz Co., 61 Post Street.
  - *U. S. C. & G. Survey suboffice, room 310, customhouse.
- San Pedro:
  - *Marine Hardware Co., 509 Beacon Street.
  - J. C. Rudbach, 223–225 Sixth Street.
  - A. K. Maloy, 415 Beacon Street.
- Santa Barbara: Osborn's Book Store, 923–925 State Street.

OREGON—
- Astoria: *Victor Rost.
- Marshfield: Norton & Hansen Stationery Co., 216 Front Street North.
- Portland: *The Beebe Co., 182–186 West Morrison Street.

WASHINGTON—
- Aberdeen: Evans Drug Co.
- Anacortes: S. D. Temple & Co., 610 Commercial Avenue.
- Bellingham:
  - *Edward T. Mathes.
  - Union Printing, Binding & Stationery Co., 1211 Elk Street.
- Blaine: Loomis Store Co.
- Everett: Adam Hill, 2929 Colby Avenue.
- Friday Harbor: E. F. Harpst.
- Olympia: Winstanley & Blankenship.
- Port Townsend:
  - *W. J. Fritz, 320 Water Street.
- Seattle:
  - *Lowman & Hanford Co., 616 First Avenue.
  - *Max Kuner Co., 304 First Avenue.
  - *G. Beninghausen, 103 Cherry Street.
  - *U. S. C. & G. Survey suboffice, room 202 Burke Building.
  - Pacific Net & Twine Co., Pier 8.
- Tacoma: *Cole-Martin Co., 926 Pacific Avenue.

ALASKA—
- Cordova: *Northern Drug Co.
- Haines: N. G. Hanson.
- Juneau: The Old Post Office Store.
- Ketchikan: *Ryus Drug Co.
- Kodiak: W. J. Erskine Co.
- Petersburg: Petersburg Packing Co.
- Seward: The Seward News Co.
- Sitka: Chas. M. McGrath.
- Valdez: Owl Drug Co.
- Wrangell: F. Matheson.

HAWAII—
- Honolulu: Hawaiian News Co.

PHILIPPINE ISLANDS—
- Cebu: Pacific Commercial Co.
- Iloilo: Hoskyn & Co.
- Manila:
  - *C. & G. Survey Office.
  - Luzon Stevedoring Co., water front, foot of Calle Madrid.

CANADA—
- Montreal, Quebec: Harrison & Co., 53 Metcalfe Street.
- Prince Rupert, B. C.: McRae Brothers (Ltd.).
- Vancouver, B. C.: Clark & Stuart, 441 Hastings Street.
- Victoria, B. C.: T. N. Hibben & Co.

CHINA—
- Hongkong: G. Falconer & Co. (Ltd.), Hotel Mansions.

AUSTRALIA—
- Newcastle, New South Wales: W. H. Sproull & Co.

FRANCE—
- Paris: Augustin Challamel, Rue Jacob 17.

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*Quarterly agent. In general, quarterly agents carry in stock a greater variety of charts and publications than are usually carried by cash agents.

SUBOFFICES OF THE COAST AND GEODETIC SURVEY.

New York, N. Y., room 403, customhouse.
Galveston, Tex., room 413, Security Building.
San Francisco, Cal., room 310, customhouse.
Seattle, Wash., room 204, Burke Building.
Manila, P. I., Intendencia Building.

At these offices complete files of United States Coast and Geodetic Survey charts, Coast Pilots, Tide Tables, and other publications relating to navigation may be consulted and information affecting navigation obtained without charge.

Light Lists, Buoy Lists, and Notices to Mariners are kept for free distribution to mariners.

Coast Survey charts, Coast Pilots, and Tide Tables are on sale at these suboffices.

UNITED STATES COAST PILOT—ATLANTIC COAST.

Parts.	TITLE.	Size and binding.	Date of last edition.	Price.
I-II.	From St. Croix River to Cape Ann, with supplement to March 9, 1917.	4to, canvas	1911	$0.50
III.	From Cape Ann to Point Judith, with supplement to February 1, 1917.	4to, canvas	1912	.50
IV.	From Point Judith to New York	8vo, canvas	1914	.50
C.	Sandy Hook to Cape Henry, including Delaware and Chesapeake Bays.	8vo, canvas	1916	.50
D.	From Cape Henry to Key West, with supplement to March 16, 1917.	8vo, canvas	1913	.50
E.	Gulf of Mexico, from Key West to the Rio Grande	8vo, canvas	1916	.50
	Inside Route Pilot: Coast of New Jersey	8vo, paper	1915	.20
	Inside Route Pilot: New York to Key West, 3d edition	8vo, paper	1916	.20
	Inside Route Pilot: Key West to New Orleans	8vo, paper	1914	.20

UNITED STATES COAST PILOT—WEST INDIES.

	TITLE.	Size and binding.	Date of last edition.	Price.
	Porto Rico	4to, canvas	1906	$0.50

UNITED STATES COAST PILOT—PACIFIC COAST.

TITLE.	Size and binding.	Date of last edition.	Price.
California, Oregon, and Washington, with supplement to March 16, 1917.	4to, canvas	1909	$0.50
Alaska, Part 1.—Dixon Entrance to Yakutat Bay, with Inland Passage from Juan de Fuca Strait to Dixon Entrance, with supplement to April 28, 1916.	4to, canvas	1908	.50
Alaska, Part 2.—Yakutat Bay to Arctic Ocean	8vo, canvas	1916	.50

TIDE TABLES.

PUBLISHED ANNUALLY SIX MONTHS IN ADVANCE.

	Price.
General Tide Tables	$0.50
Atlantic Coast Tide Tables for eastern North America	.10
Pacific Coast Tide Tables for western North America, eastern Asia, and many island groups	.10

TABLE OF DEPTHS, COAST PILOT NOTES, ETC.

(For free distribution.)

Table of Depths for channels and harbors, coasts of the United States	1913
Coast Pilot Notes on Hawaiian Islands	1912
Magnetic Chart: Lines of equal magnetic declination (variation of compass) and of equal annual change in the United States for 1915, published in	1915
Magnetic Chart: Lines of equal magnetic declination (variation of compass) and of equal annual change in Alaska for 1910, published in	1909
Isogonic Chart of the West Indies for 1915, published in	1914
Magnetic Chart: Lines of equal magnetic declination in the Philippine Islands, 1905, published in	1905

SAILING DIRECTIONS, PHILIPPINE ISLANDS.

(For free distribution.)

Section I.—North and west coasts of Luzon and adjacent islands, fourth edition	1912
Section II.—Southwest and south coasts of Luzon and adjacent islands, fourth edition	1910
Section III.—Coasts of Panay, Negros, Cebu, and adjacent islands, fourth edition	1911
Section IV.—Coasts of Samar and Leyte and the east coast of Luzon, fourth edition	1912
Section V.—Coasts of Mindanao and adjacent islands, third edition	1913
Sections VI and VII.—Mindoro Strait, Palawan Island, and Sulu Sea and Archipelago, third edition	1911

EXPLANATORY NOTES.

The charts embraced in this catalogue are constructed on different scales in order to adapt them to the different conditions of navigation. The small-scale charts include large areas and are suited to offshore navigation, while those on large scale include small areas and are suited to alongshore navigation.

They are classified as follows:

Sailing Charts.—Scales from $\frac{1}{600,000}$ to $\frac{1}{4,500,000}$.

They are intended for the use of the navigator to fix his position as he approaches the coast from the open ocean or when sailing between distant coast ports. They show the offshore soundings, the principal lights and outer buoys, and such natural landmarks as may be visible at a considerable distance.

General Charts of the Coast.—Scales from $\frac{1}{200,000}$ to $\frac{1}{400,000}$. They are intended for coastwise navigation when the vessel's course would mostly be within sight of land with her position fixed by landmarks, lights, outer buoys, and characteristic soundings.

Coast Charts.—Scales from $\frac{1}{80,000}$ to $\frac{1}{100,000}$. They are intended for close coastwise navigation when a vessel's course would carry her inside outlying reefs and shoals; also for entering bays and harbors of considerable width, and for navigating the large inland waterways.

Harbor Charts.—Scales from $\frac{1}{5,000}$ to $\frac{1}{40,000}$. They are intended for navigation of harbors and small waterways.

In the catalogue the charts are arranged in geographical sequence, under the headings, Atlantic Coast, Gulf Coast, West Indies, Canal Zone, Pacific Coast, Hawaiian and Marianas Islands, and Philippine Islands.

Under the Atlantic and Gulf Coasts appear the subheads: First, Sailing Charts; second, General Charts of the Coast; third, Coast and Harbor Charts. The geographical sequence begins at Maine and continues in regular order to Texas.

Under Pacific Coast appear the subheads: First, Sailing Charts; second, General Charts of the Coast and Harbor Charts. The geographic sequence begins at the southern end of California and proceeds northward and westward to Bering Sea.

The limits of the charts are graphically shown on diagrams on adjoining pages. A numerical index of charts is given at the end of the catalogue, also an alphabetical index.

Charts.—When issued show all necessary corrections as to lights, beacons, buoys, recently discovered dangers, wrecks, etc., to date of issue, stamped on lower margin of chart, to right of a central position. The date of print of a chart is at lower left corner.

The date of the edition of a chart is printed about midway the lower margin of the chart, but on some of the earlier charts this date is shown on the face of the chart, generally below the title.

All important corrections occurring subsequent to date of issue of a chart will be found in the Notices to Mariners, published weekly by the Bureau of Lighthouses and the Coast and Geodetic Survey. These should be applied, as far as possible, by hand to the charts immediately after receipt of the notices, which are furnished gratis on application.

When new information involving extensive changes is received, new editions of the charts are prepared and printed, the old editions are canceled and should no longer be issued from the agencies.

All the notes on a chart should be read carefully, as in some cases they relate to the aids to navigation or to dangers that can not be clearly charted.

OFFICIAL CHARTS AND MAPS NOT PUBLISHED BY THE COAST AND GEODETIC SURVEY.

LAKE SURVEY, WAR DEPARTMENT, Old Customhouse, Detroit, Mich.
Charts of the Great Lakes, Lake Champlain, and of the Saint Lawrence River down to Cornwall, Canada.
MISSISSIPPI RIVER COMMISSION, WAR DEPARTMENT, 1311 International Life Building, St. Louis, Mo.
Charts of the Mississippi River from the head of the passes up to the headwaters of the Mississippi.
HYDROGRAPHIC OFFICE, NAVY DEPARTMENT.
Charts of foreign countries.
GEOLOGICAL SURVEY, DEPARTMENT OF THE INTERIOR.
Topographic and geologic maps.
GENERAL LAND OFFICE, DEPARTMENT OF THE INTERIOR.
Maps of the United States and maps of States and Territories.
TOPOGRAPHER OF THE POST OFFICE DEPARTMENT.
Post route maps of States and Territories.
FOREST SERVICE, DEPARTMENT OF AGRICULTURE.
Maps of National Forests and forested regions.

The charts and maps referred to above are not furnished by the Coast and Geodetic Survey. For information in regard to them, application should be made to the authorities above mentioned.

TABLE OF SCALE EQUIVALENTS.

The following table gives the lengths of nautical and statute miles on the several scales named, these scales being the proportionate size of the chart to nature. That is, in the scale $\frac{1}{1,200}$, the chart is $\frac{1}{1,200}$ part of the actual linear dimensions in nature (or 100 feet to the inch), equal to 60.8 inches to a nautical mile, and 52.8 inches to a statute mile, and so on.

A nautical mile is a minute of an average great circle of the earth, and its length is 6,080 feet, or 1,853.2 meters. A statute mile is 5,280 feet, or 1,609.3 meters.

SCALE.	Nautical Mile.		Statute Mile.	
	Inches.	Centimeters.	Inches.	Centimeters.
$\frac{1}{1,200}$	60.803	154.44	52.800	134.11
$\frac{1}{2,400}$	30.401	77.22	26.400	67.03
$\frac{1}{4,800}$	15.201	38.61	13.200	33.53
$\frac{1}{5,000}$	14.593	37.06	12.672	32.19
$\frac{1}{10,000}$	7.296	18.53	6.336	16.09
$\frac{1}{15,000}$	4.864	12.36	4.224	10.73
$\frac{1}{20,000}$	3.648	9.27	3.168	8.05
$\frac{1}{30,000}$	2.432	6.18	2.112	5.36
$\frac{1}{40,000}$	1.824	4.63	1.584	4.02
$\frac{1}{50,000}$	1.459	3.71	1.267	3.22
$\frac{1}{60,000}$	1.216	3.09	1.056	2.68
$\frac{1}{80,000}$	0.912	2.32	0.792	2.01
$\frac{1}{100,000}$	0.730	1.85	0.634	1.61
$\frac{1}{200,000}$	0.365	0.93	0.317	0.80
$\frac{1}{400,000}$	0.182	0.46	0.158	0.40
$\frac{1}{1,000,000}$	0.073	0.18	0.063	0.16
$\frac{1}{1,200,000}$	0.061	0.15	0.053	0.13

1 meter = 39.37 inches; 1 centimeter = 0.3937 inch; 1 inch = 2.54 centimeters.

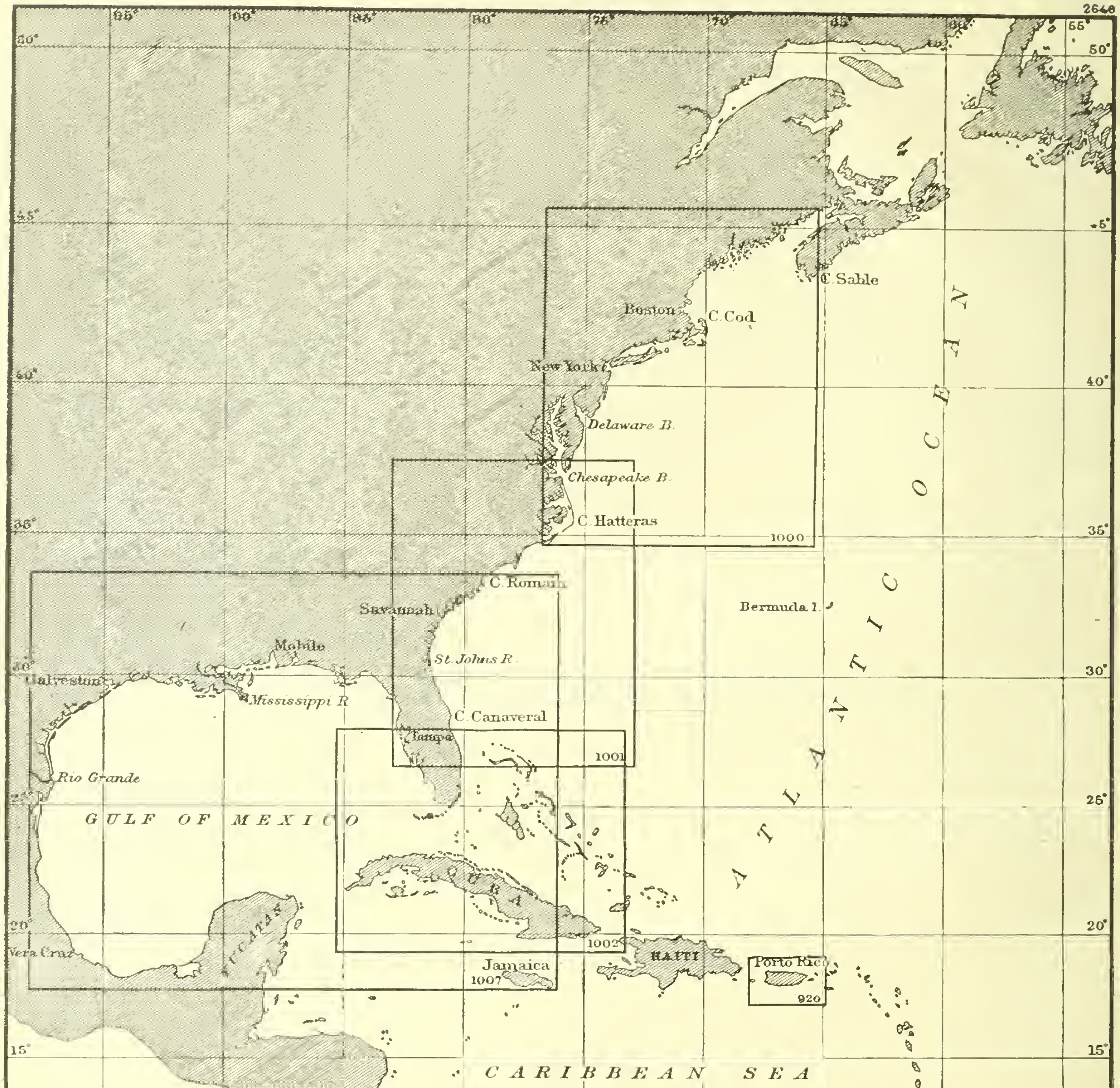
MISCELLANEOUS MAPS AND PLANS.

NOT ADAPTED FOR THE USE OF NAVIGATORS.

ABBREVIATIONS.—E., Engraved; L., Lithographed; P., Photolithographed.

Catalogue number.	TITLE.	State.		SCALE.		Size of border (inches).	Date.	Price.
				Proportional.	Inches to statute mile.			
376	Delaware and Chesapeake Bays		E.	$\frac{1}{400,000}$	1.18	27 × 36	1915	$0.50
3101 to 3190	District of Columbia, city excepted, in 58 sheets.		E.	$\frac{1}{4,800}$	13.20	14 × 14	1881 to 1893	Each. $0.10
3035	Washington City	D. C	E.	$\frac{1}{19,800}$	3.20	21 × 29	1800	.30
3043	City of Washington	D. C	E.	$\frac{1}{19,800}$	3.20	17 × 20	1800	.30
3035*a*	City of Washington, by L'Enfant	D. C		$\frac{1}{15,840}$	4.00	27 × 47	1790	.50
3035*b*	City of Washington, by Dermott	D. C		$\frac{1}{7,920}$	8.00	54 × 62	1798	3.00
3036	Washington City, by W. J. Stone	D. C	E.	$\frac{1}{12,070}$	5.25	23 × 31	1863	.30
3059	Territory of Columbia, by Ellicott	D. C		$\frac{1}{33,000}$	1.92	22 × 22		.25
3081	Birthplace of Washington	Virginia	P.	$\frac{1}{10,000}$	6.34	22 × 29	1897	.20
3032	Part of Bahama Islands, showing tracks ascribed to Columbus.					22 × 36	1881	.50
3055	San Francisco Peninsula	California	E.	$\frac{1}{40,000}$	1.58	18 × 28	1869	.50

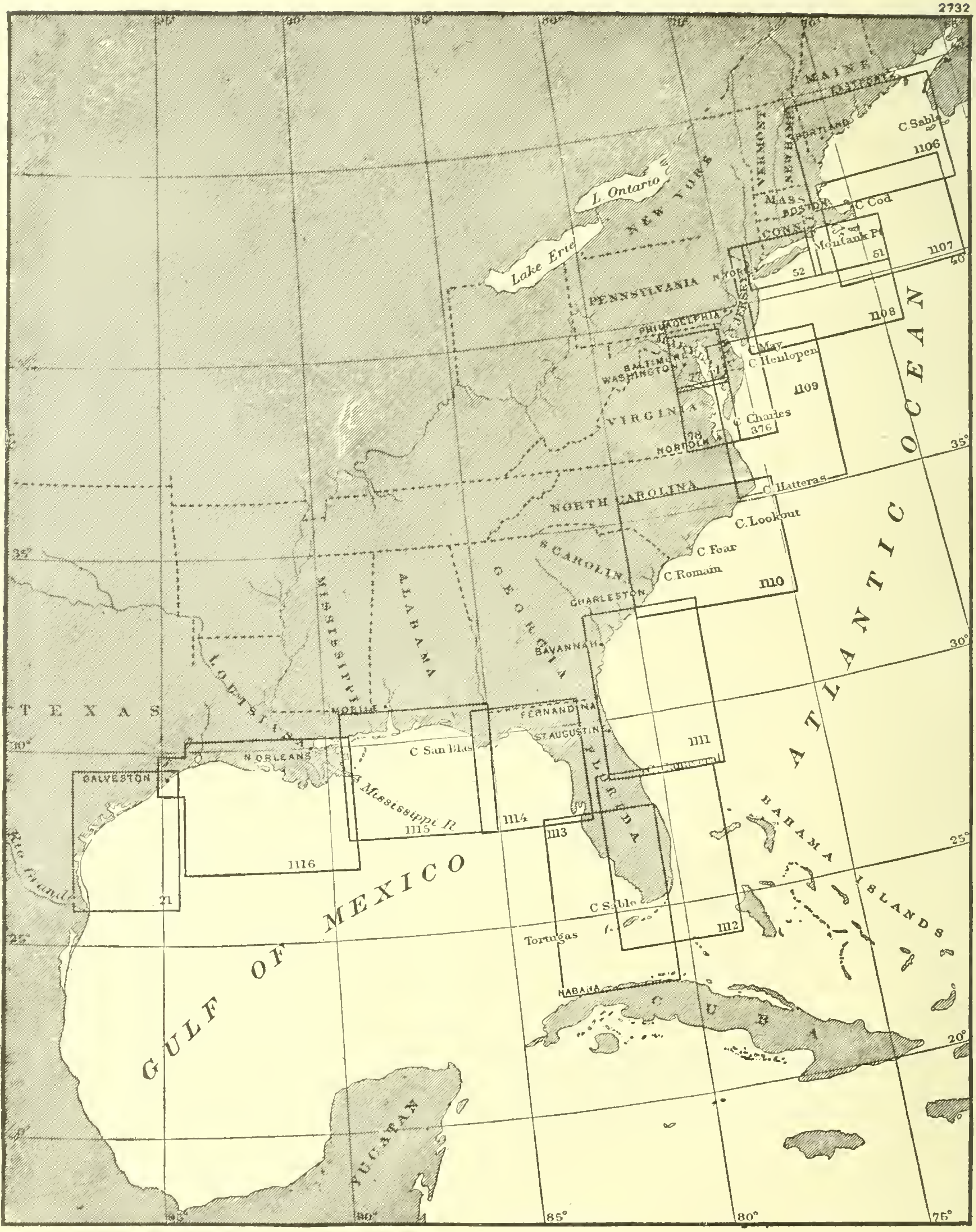
GEOGRAPHICAL ARRANGEMENT OF CHARTS.


2648
95°
90°
85°
80°
75°
70°
65°
60°
55°
50°
45°
40°
35°
30°
25°
20°
15°
10°
C. Sable
Boston
C. Cod
New York
Delaware B.
Chesapeake B.
C. Hatteras
1000
C. Romain
Savannah
Bermuda I.
Mobile
St. Johns R.
Galveston
Mississippi R.
C. Canaveral
Tampa
1001
Rio Grande
GULF OF MEXICO
CUBA
1002
YUCATAN
Vera Cruz
Jamaica
1007
HAITI
Porto Rico
920
ATLANTIC OCEAN
CARIBBEAN SEA
Colon
Panama

CHARTS OF THE ATLANTIC AND GULF COASTS.

GEOGRAPHICALLY ARRANGED.

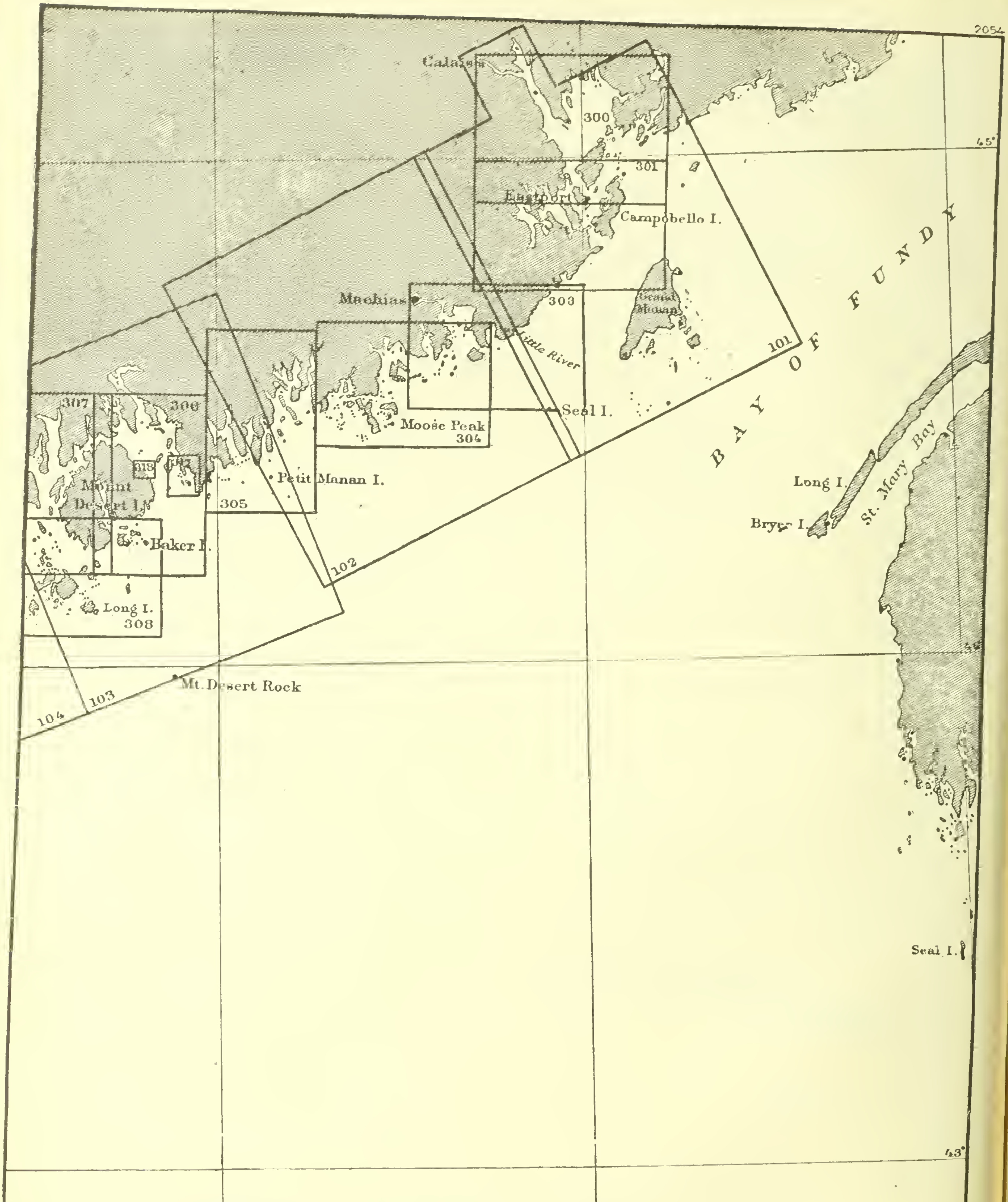
Catalogue number.	TITLE.	Scale.		Size of border (inches).	Date of last edition.	Price.
		Average.	Inches to degree of mid-latitude			
	SAILING CHARTS.					
1000	Cape Sable to Cape Hatteras	$\frac{1}{1,200,000}$	3.7	33 × 41	1908	$0.50
1001	Chesapeake Bay to Straits of Florida	$\frac{1}{1,198,000}$	3.7	33 × 41	1913	.50
1002	Straits of Florida and approaches	$\frac{1}{1,197,000}$	3.6	33 × 41	1912	.50
1007	Gulf of Mexico	$\frac{1}{2,195,000}$	2.0	33 × 41	1908	.50


2732
MAINE
VERMONT
NEW HAMP.
MASS.
CONN.
BOSTON
PORTLAND
C. Sable
1106
C. Cod
Montauk Pt
51
52
1107
40°
L. Ontario
Lake Erie
NEW YORK
PENNSYLVANIA
N. YORK
N. JERSEY
1108
PHILADELPHIA
BALTIMORE
WASHINGTON
C. May
C. Henlopen
1109
VIRGINIA
C. Charles
376
78
NORFOLK
35°
C. Hatteras
NORTH CAROLINA
C. Lookout
C. Fear
C. Romain
1110
S. CAROLINA
CHARLESTON
GEORGIA
SAVANNAH
30°
ALABAMA
MISSISSIPPI
LOUISIANA
TEXAS
MOBILE
FERNANDINA
ST. AUGUSTINE
FLORIDA
1111
C. San Blas
Mississippi R.
N. ORLEANS
GALVESTON
1114
1115
1116
1113
21
Rio Grande
25°
C. Sable
Tortugas
1112
HABANA
CUBA
BAHAMA ISLANDS
ATLANTIC OCEAN
GULF OF MEXICO
YUCATAN
20°
95°
90°
85°
80°
75°

ATLANTIC AND GULF COASTS.

GEOGRAPHICAL ARRANGEMENT.

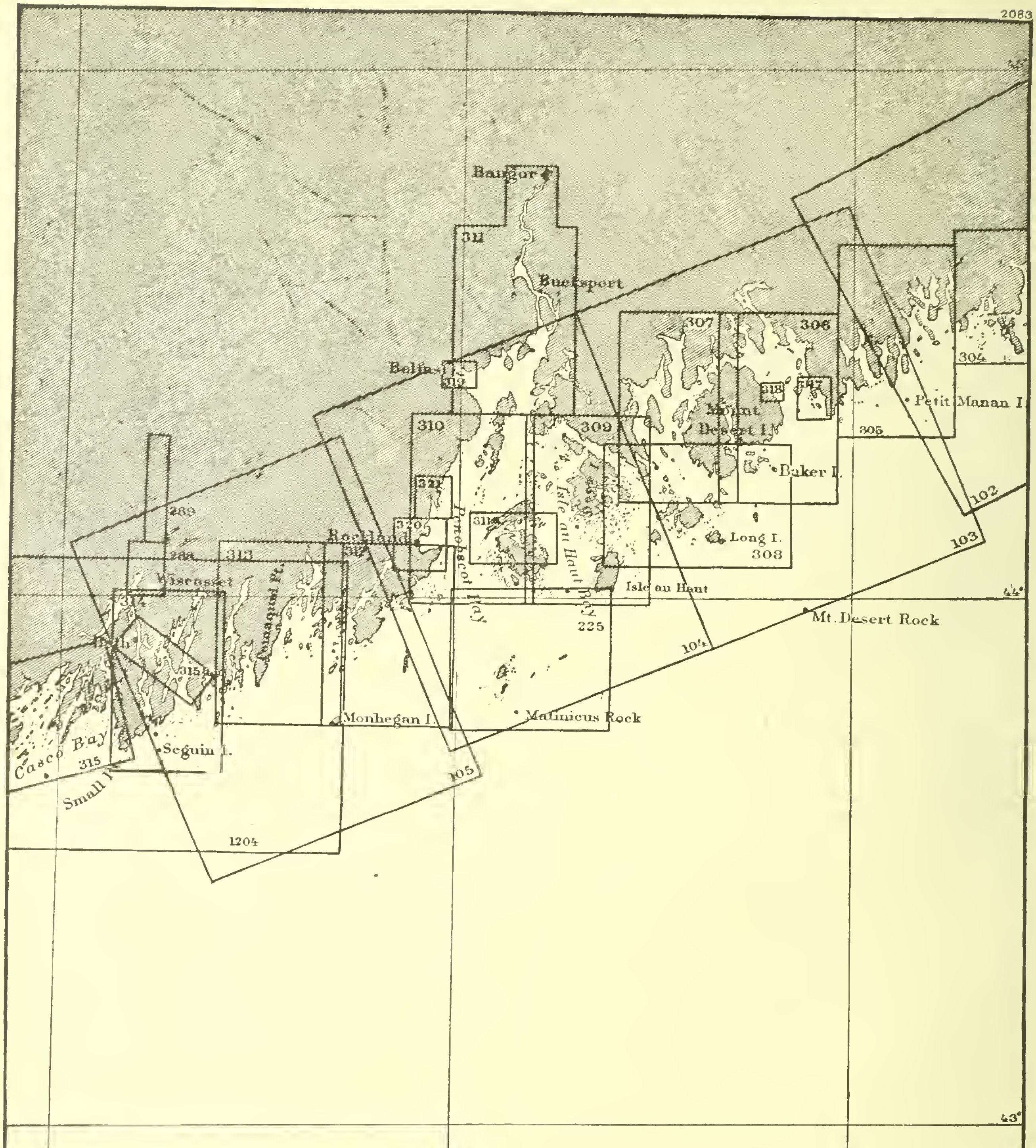
Catalogue number.	TITLE.	SCALE. Average.	SCALE. Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
	GENERAL CHARTS OF THE COAST.					
1106	Bay of Fundy to Cape Cod	$\frac{1}{400,000}$	0.18	34 × 44	1917	$0.50
1107	Georges Bank and Nantucket Shoals	$\frac{1}{400,000}$	0.18	32 × 37	1913	.50
1108	Approaches to New York	$\frac{1}{400,000}$	0.18	32 × 47	1913	.50
376	Delaware and Chesapeake Bays	$\frac{1}{400,000}$	0.18	27 × 36	1915	.50
77	Chesapeake Bay, northern part	$\frac{1}{200,000}$	0.36	32 × 34	1916	.50
78	Chesapeake Bay, southern part	$\frac{1}{200,000}$	0.36	31 × 32	1916	.50
1109	Cape May to Cape Hatteras	$\frac{1}{400,000}$	0.18	31 × 44	1914	.50
1110	Cape Hatteras to Charleston Light	$\frac{1}{400,000}$	0.18	31 × 44	1914	.50
1111	Charleston Light to Cape Canaveral	$\frac{1}{400,000}$	0.18	30 × 42	1914	.50
1112	Cape Canaveral to Key West	$\frac{1}{400,000}$	0.18	29 × 43	1916	.50
1113	Habana to Tampa Bay	$\frac{1}{400,000}$	0.18	29 × 43	1916	.50
1114	Tampa Bay to Cape San Blas	$\frac{1}{400,000}$	0.18	28 × 32	1915	.50
1115	Cape St. George to Mississippi Passes	$\frac{1}{400,000}$	0.18	32 × 39	1913	.50
1116	Mississippi River to Galveston	$\frac{1}{400,000}$	0.18	30 × 46	1917	.50
21	Galveston to the Rio Grande	$\frac{1}{400,000}$	0.18	31 × 40	1883	.50
51	Nantucket Shoals to Montauk Point	$\frac{1}{200,000}$	0.36	34 × 43	1912	.50
52	Montauk Point to New York and Long Island Sound	$\frac{1}{200,000}$	0.36	33 × 42	1911	.50


2054
Calais
300
301
Eastport
Campobello I.
Machias
303
Grand Manan
101
Little River
Seal I.
BAY OF FUNDY
Moose Peak
304
Petit Manan I.
305
307
306
318
Mount Desert I.
Baker I.
Long I.
308
102
103
104
Mt. Desert Rock
Long I.
Bryer I.
St. Mary Bay
Seal I.
45°
43°
68°
67°

ATLANTIC COAST.

GEOGRAPHICAL ARRANGEMENT.

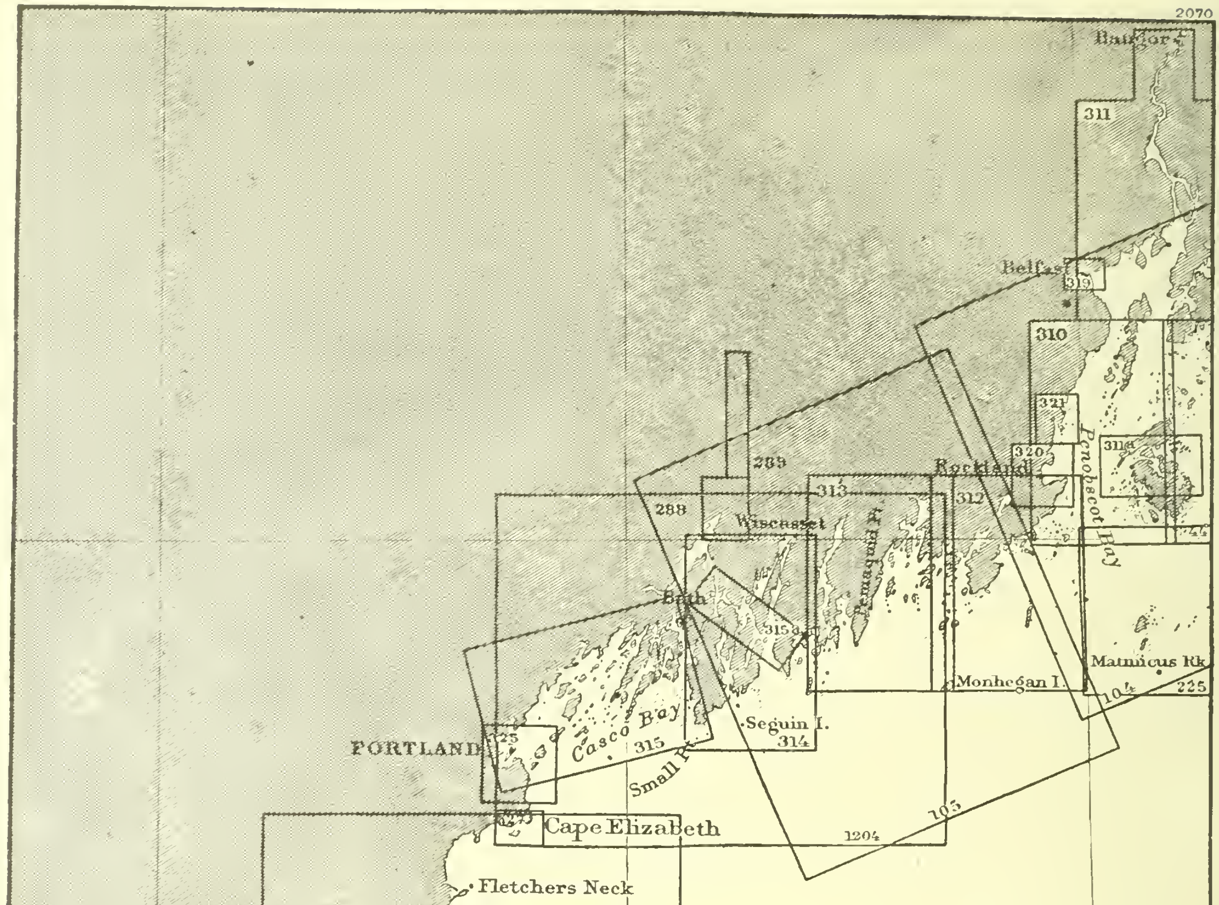
Catalogue number.	TITLE.	State.	Scale. Average.	Scale. Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
	COAST AND HARBOR CHARTS.						
101	Calais to Little River, including Cobscook Bay	Maine	$\frac{1}{80,000}$	0.91	30 × 39	1912	$0.50
300	Passamaquoddy Bay and St. Croix River	Maine	$\frac{1}{40,000}$	1.82	32 × 40	1917	.25
301	Eastport to Moose Cove, including Cobscook Bay	Maine	$\frac{1}{40,000}$	1.82	30 × 41	1893	.25
102	Little River to Petit Manan	Maine	$\frac{1}{80,000}$	0.91	32 × 39	1888	.50
303	Moose Cove to Englishman Bay, including Machias Bay.	Maine	$\frac{1}{40,000}$	1.82	28 × 39	1893	.25
304	Cross Island to Nash Island	Maine	$\frac{1}{40,000}$	1.82	27 × 40	1914	.25
305	Nash Island to Schoodic Island	Maine	$\frac{1}{40,000}$	1.82	26 × 39	1915	.25


2083
Bangor
311
Bucksport
Belfast
319
310
321
309
307
306
318
317
Mount Desert I.
304
Petit Manan I.
305
Baker I.
102
103
Long I.
308
311a
Isle au Haut Bay
Penobscot Bay
320
Rockland
312
313
Pemaquid Pt.
289
288
Wiscasset
314
Bath
315a
Casco Bay
315
Small Pt.
Seguin I.
Monhegan I.
Matinicus Rock
225
Isle au Haut
104
Mt. Desert Rock
105
1204
44°
43°
70°
69°
68°

ATLANTIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

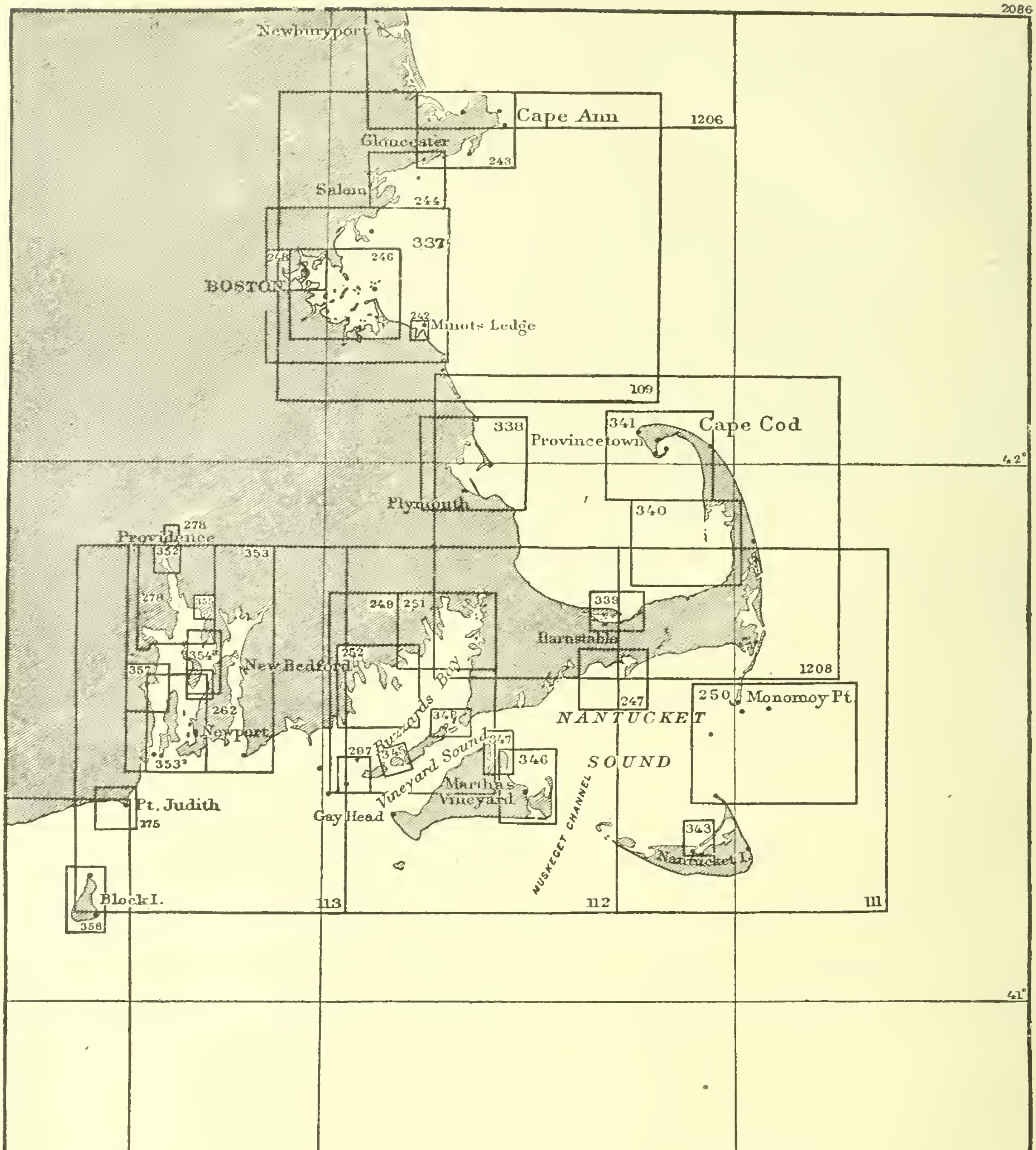
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
103	Mount Desert Island, Frenchmans and Blue Hill Bays, and approaches.	Maine	$\frac{1}{80,000}$	0.91	30 × 38	1910	$0.50
306	Frenchmans Bay and eastern part of Mount Desert Island.	Maine	$\frac{1}{40,000}$	1.82	26 × 40	1915	.25
307	Blue Hill Bay and western part of Mount Desert Island.	Maine	$\frac{1}{40,000}$	1.82	26 × 40	1914	.25
308	Approaches to Blue Hill Bay and Eggemoggin Reach.	Maine	$\frac{1}{40,000}$	1.82	25 × 38	1914	.25
317	Winter Harbor, Schoodic Peninsula	Maine	$\frac{1}{20,000}$	3.65	15 × 19	1881	.20
318	Bar Harbor, Mount Desert Island	Maine	$\frac{1}{10,000}$	7.30	13 × 15	1885	.20
104	Penobscot Bay	Maine	$\frac{1}{80,000}$	0.91	30 × 38	1911	.50
309	East Penobscot Bay	Maine	$\frac{1}{40,000}$	1.82	25 × 40	1915	.25
310	West Penobscot Bay	Maine	$\frac{1}{40,000}$	1.82	25 × 40	1914	.25
311*a*	Fox Islands Thoroughfare	Maine	$\frac{1}{20,000}$	3.65	20 × 32	1914	.20
311	Penobscot River and Belfast Bay	Maine	$\frac{1}{40,000}$	1.82	25 × 40	1914	.25
319	Belfast Harbor	Maine	$\frac{1}{20,000}$	3.65	12 × 14	1917	.20
321	Camden and Rockport Harbors	Maine	$\frac{1}{20,000}$	3.65	14 × 18	1879	.20
320	Rockland Harbor	Maine	$\frac{1}{20,000}$	3.65	21 × 22	1917	.20
225	Approaches to Penobscot Bay	Maine	$\frac{1}{40,000}$	1.82	30 × 33	1915	.50
	Matinicus Harbor	Maine	$\frac{1}{5,000}$	1.82			


2070
Bangor
311
Belfast
319
310
321
320
311a
Penobscot Bay
Rockland
289
313
312
288
Wiscasset
Pemaquid Pt
Bath
315a
Monhegan I.
Matinicus Rk
104
225
Seguin I.
314
Casco Bay
315
Small Pt
PORTLAND
325
Cape Elizabeth
1204
105
Fletchers Neck
Cape Porpoise
York
228
Boon I.
Portsmouth
1205
43°
330
Isles of Shoals
229
Newburyport
331
109
Cape Ann
1206
Gloucester
243
Salem
244
71°
70°
69°

ATLANTIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

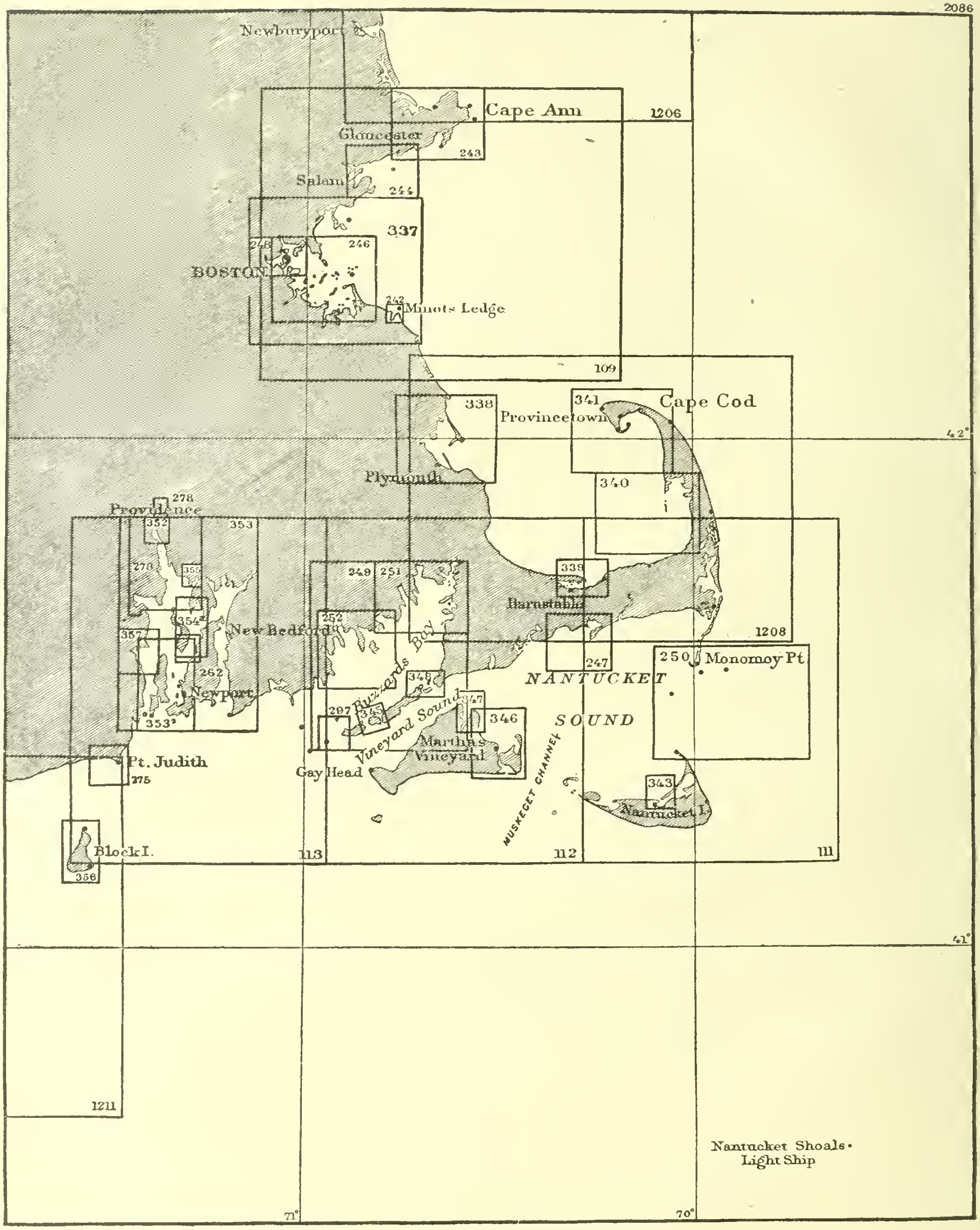
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
105	Penobscot Bay to Kennebec entrance	Maine	$\frac{1}{80,000}$	0.91	30 × 38	1877	$0.50
312	St. George River and Muscle Ridge Channel	Maine	$\frac{1}{40,000}$	1.82	26 × 38	1916	.25
313	Damariscotta and Medomak Rivers	Maine	$\frac{1}{40,000}$	1.82	25 × 39	1917	.25
314	Kennebec and Sheepscot Rivers	Maine	$\frac{1}{40,000}$	1.82	23 × 38	1878	.25
288	Kennebec River, Abagadasset Point to Court House Point.	Maine	$\frac{1}{15,000}$	4.83	21 × 34	1916	.25
289	Kennebec River, Courthouse Point to Augusta	Maine	$\frac{1}{15,000}$	4.83	22 × 34	1917	.25
315*a*	Bath to Boothbay Harbor	Maine	$\frac{1}{20,000}$	3.65	16 × 36	1884	.20
1204	Monhegan Island to Cape Elizabeth	Maine	$\frac{1}{80,000}$	0.91	31 × 40	1912	.50
1205	Cape Elizabeth to Portsmouth	Maine and N.H.	$\frac{1}{80,000}$	0.91	31 × 37	1915	.50
1206	Portsmouth to Cape Ann	N. H. and Mass.	$\frac{1}{80,000}$	0.91	29 × 38	1915	.50
315	Casco Bay	Maine	$\frac{1}{40,000}$	1.82	25 × 39	1913	.25
325	Portland Harbor	Maine	$\frac{1}{20,000}$	3.65	26 × 29	1913	.40
327	Richmond Island Harbor	Maine	$\frac{1}{20,000}$	3.65	14 × 17	1907	.20
228	Cape Neddick Harbor to York River	Maine	$\frac{1}{20,000}$	3.65	17 × 18	1912	.25
0329	Portsmouth Harbor	Maine and N.H.	$\frac{1}{10,000}$	7.30	30 × 33	1913	.25
330	Isles of Shoals	Maine and N.H.	$\frac{1}{20,000}$	3.65	15 × 18	1913	.20
331	Newburyport Harbor	Massachusetts	$\frac{1}{20,000}$	3.65	17 × 24	1917	.25
229	Portsmouth to Dover and Exeter	Maine and N.H.	$\frac{1}{30,000}$	2.43	23 × 33	1914	.30


2086
Newburyport
Cape Ann
1206
Gloucester
243
Salem
244
337
248
246
BOSTON
242
Minots Ledge
109
338
Provincetown
341
Cape Cod
42°
Plymouth
340
278
Providence
352
353
278
355
339
249
251
Barnstable
354²
New Bedford
252
Buzzards Bay
1208
357
262
348
247
NANTUCKET
SOUND
250
Monomoy Pt.
Newport
353²
297
345
Vineyard Sound
347
346
Marthas Vineyard
MUSKEGET CHANNEL
Pt. Judith
275
Gay Head
343
Nantucket I.
Block I.
356
113
112
111
41°
1211
Nantucket Shoals
Light Ship
71°
70°

ATLANTIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

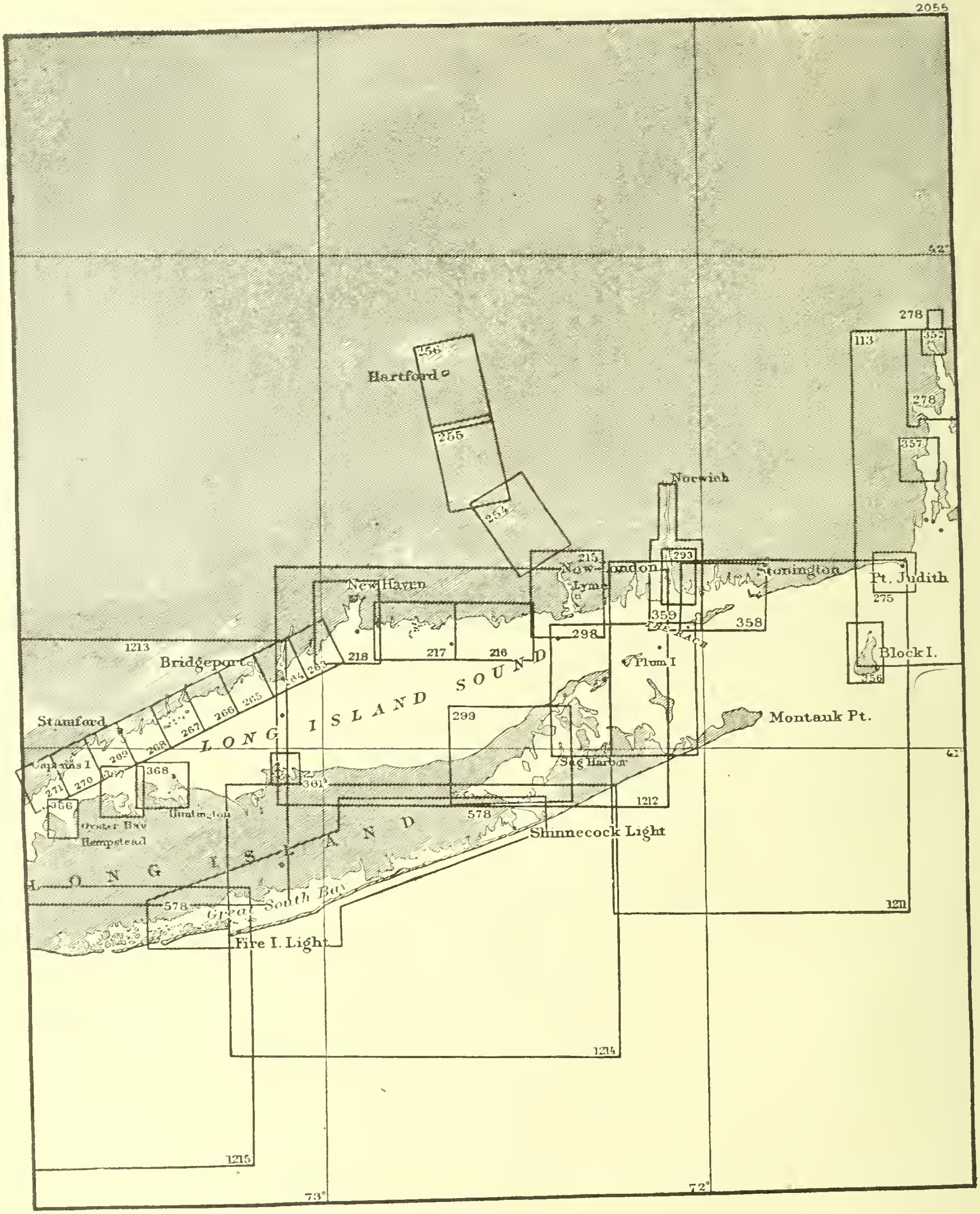
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
109	Boston Bay and approaches	Massachusetts.	$\frac{1}{80,000}$	0. 91	33 × 39	1916	$0. 50
242	Cohasset Harbor	Massachusetts.	$\frac{1}{5,000}$	14. 6	26 × 31	1915	. 30
243	Ipswich Bay to Gloucester Harbor	Massachusetts.	$\frac{1}{20,000}$	3. 65	34 × 39	1916	. 50
244	Salem Harbor and approaches	Massachusetts.	$\frac{1}{20,000}$	3. 65	26 × 36	1917	. 25
337	Boston Harbor	Massachusetts.	$\frac{1}{40,000}$	1. 82	30 × 35	1915	. 50
246	Boston Harbor	Massachusetts.	$\frac{1}{20,000}$	3. 65	35 × 44	1915	. 50
248	Boston Inner Harbor	Massachusetts.	$\frac{1}{10,000}$	7. 30	33 × 41	1910	. 50
1208	Cape Cod Bay	Massachusetts.	$\frac{1}{80,000}$	0. 91	32 × 41	1915	. 50
338	Plymouth, Kingston, and Duxbury Harbors	Massachusetts.	$\frac{1}{40,000}$	1. 82	19 × 21	1911	. 25
339	Barnstable Harbor	Massachusetts.	$\frac{1}{20,000}$	3. 65	16 × 23	1914	. 20
340	Wellfleet Harbor	Massachusetts.	$\frac{1}{50,000}$	1. 46	14 × 18	1914	. 20
341	Provincetown Harbor	Massachusetts.	$\frac{1}{50,000}$	1. 46	15 × 18	1911	. 20
250	Eastern entrance to Nantucket Sound	Massachusetts.	$\frac{1}{40,000}$	1. 82	24 × 34	1913	. 25
111	Nantucket Sound and eastern approaches	Massachusetts.	$\frac{1}{80,000}$	0. 91	28 × 38	1915	. 50
112	Vineyard Sound and Buzzards Bay	Massachusetts.	$\frac{1}{80,000}$	0. 91	31 × 38	1914	. 50
113	Cuttyhunk to Block Island, including Narragansett Bay.	Mass. and R. I.	$\frac{1}{80,000}$	0. 91	28 × 38	1914	. 50
275	Point Judith Harbor of Refuge	Rhode Island.	$\frac{1}{10,000}$	7. 30	19 × 19	1913	. 30


2086
Newburyport
Cape Ann
1206
Gloucester
243
Salem
244
337
246
248
BOSTON
242
Minots Ledge
109
338
341
Cape Cod
Provincetown
42°
Plymouth
340
278
Providence
352
353
278
355
339
249
251
Barnstable
252
354
New Bedford
357
Buzzards Bay
1208
247
250
Monomoy Pt
262
Newport
NANTUCKET
SOUND
348
297
345
Vineyard Sound
347
346
Martha's Vineyard
353
Pt. Judith
275
Gay Head
MUSKEGET CHANNEL
343
Nantucket I.
Block I.
356
113
112
111
41°
1211
Nantucket Shoals Light Ship
71°
70°

ATLANTIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

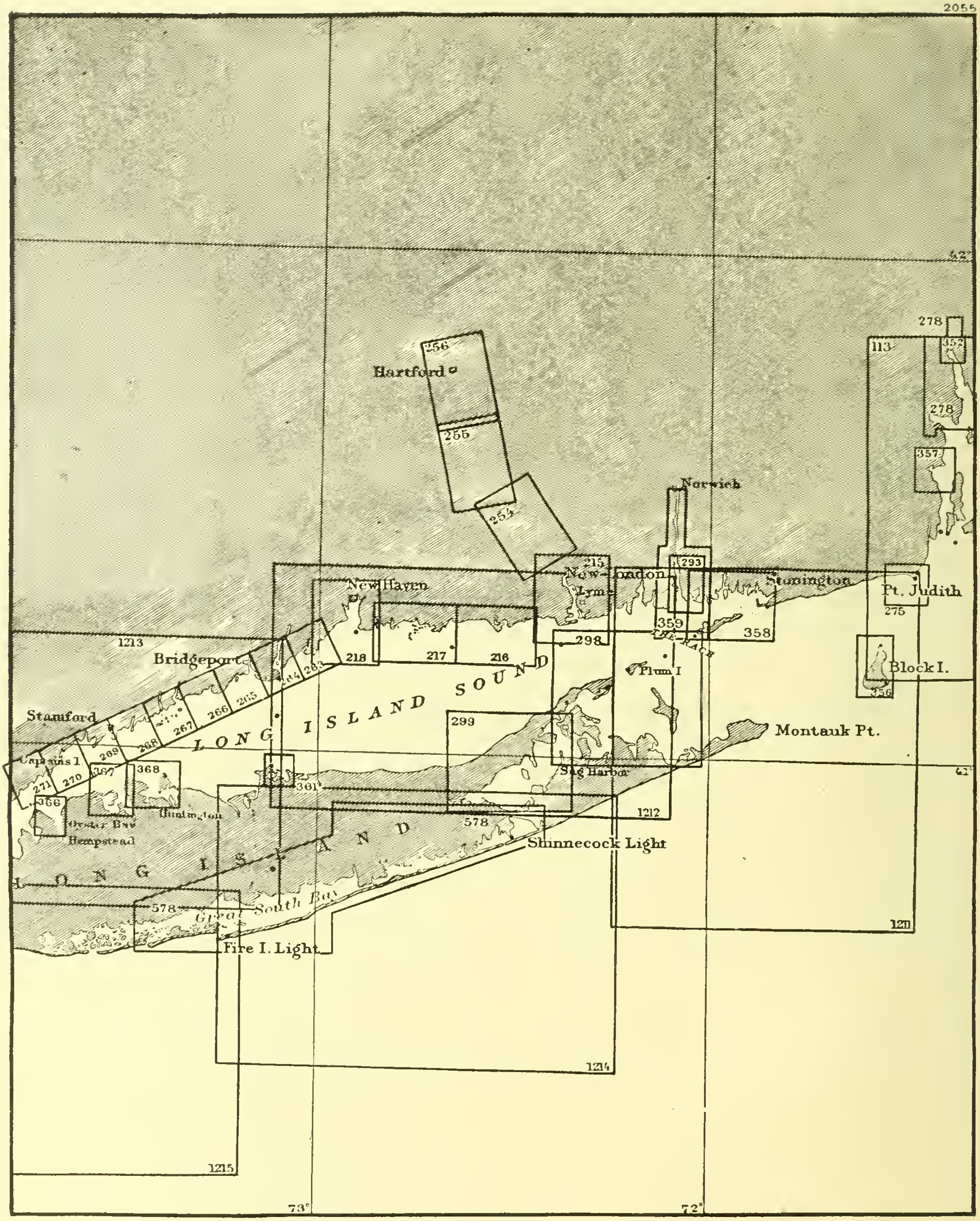
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
343	Nantucket Harbor	Massachusetts	$\frac{1}{10,000}$	7.30	25 × 29	1911	$0.25
247	Hyannis Harbor	Massachusetts	$\frac{1}{20,000}$	3.65	26 × 26	1896	.25
346	Edgartown Harbor, Marthas Vineyard	Massachusetts	$\frac{1}{20,000}$	3.65	24 × 32	1902	.25
347	Vineyard Haven	Massachusetts	$\frac{1}{10,000}$	7.30	27 × 36	1902	.25
348	Woods Hole	Massachusetts	$\frac{1}{10,000}$	7.30	14 × 21	1911	.25
345	Robinsons Hole and Quicks Hole	Massachusetts	$\frac{1}{10,000}$	7.30	21 × 25	1902	.25
297	Cuttyhunk Harbor	Massachusetts	$\frac{1}{10,000}$	7.30	19 × 22	1906	.25
249	Buzzards Bay	Massachusetts	$\frac{1}{40,000}$	1.82	33 × 43	1913	.50
251	Head of Buzzards Bay	Massachusetts	$\frac{1}{20,000}$	3.65	33 × 41	1915	.50
252	New Bedford Harbor and approaches	Massachusetts	$\frac{1}{20,000}$	3.65	34 × 35	1913	.50
353	Narragansett Bay	Rhode Island	$\frac{1}{40,000}$	1.82	31 × 46	1913	.75
	Seekonk River		$\frac{1}{40,000}$	1.82			
353^2	Newport Harbor and entrance to Narragansett Bay.	Rhode Island	$\frac{1}{20,000}$	3.65	25 × 37	1896	.40
262	Narragansett Bay, Eastern Passage, Carrs Point to Sandy Point.	Rhode Island	$\frac{1}{10,000}$	7.30	22 × 23	1916	.25
354*a*	Bristol Harbor and approaches	Rhode Island	$\frac{1}{20,000}$	3.65	14 × 27	1916	.20
355	Warren River	Rhode Island	$\frac{1}{10,000}$	7.30	15 × 20	1915	.20
352	Providence Harbor	Rhode Island	$\frac{1}{10,000}$	7.30	16 × 19	1917	.20
278	Providence River and Head of Narraganset Bay	Rhode Island	$\frac{1}{20,000}$	3.65	31 × 38	1917	.50
357	Wickford Harbor, Narragansett Bay	Rhode Island	$\frac{1}{20,000}$	3.65	15 × 17	1916	.20
356	Block Island	Rhode Island	$\frac{1}{10,000}$	7.30	29 × 46	1917	.50


2055
42°
278
352
113
Hartford
256
255
254
Norwich
215
New London
Lyme
293
Stonington
Pt. Judith
275
278
357
New Haven
359
358
298
The Race
Plum I
Block I.
356
1213
Bridgeport
218
217
216
263
264
265
266
267
268
269
Stamford
LONG ISLAND SOUND
299
Montauk Pt.
Sag Harbor
41°
Captains I
271
270
367
368
366
361
Huntington
Oyster Bay
Hempstead
1212
578
Shinnecock Light
LONG ISLAND
Great South Bay
578
Fire I. Light
1211
1214
1215
73°
72°

ATLANTIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

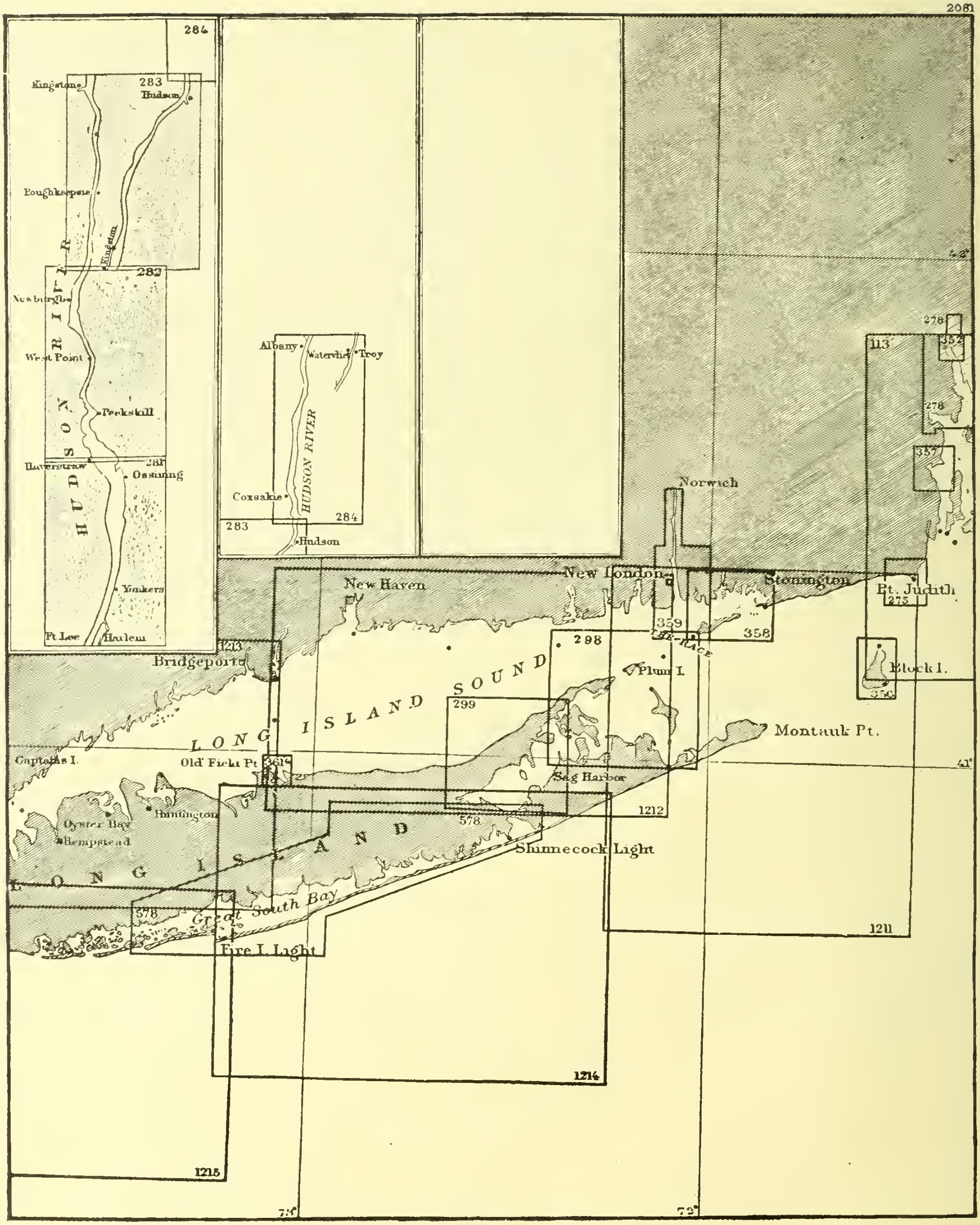
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
1211	Block Island Sound	R. I., Conn., and N. Y.	$\frac{1}{80,000}$	0.91	34 × 40	1912	$0.50
1212	Long Island Sound, eastern part	Conn. and N. Y	$\frac{1}{80,000}$	0.91	28 × 44	1914	.50
1213	Long Island Sound, western part	Conn. and N. Y	$\frac{1}{80,000}$	0.91	30 × 40	1916	.50
358	Fishers Island Sound	Connecticut	$\frac{1}{20,000}$	3.65	27 × 40	1911	.40
359	Thames River—Harbor of New London and approaches.	Connecticut	$\frac{1}{20,000}$	3.65	25 × 43	1915	.40
293	New London Harbor and Naval Station	Connecticut	$\frac{1}{10,000}$	7.30	30 × 45	1917	.50
	New London Naval Station		$\frac{1}{5,000}$	14.59			
215	Connecticut River, entrance to Deep River	Connecticut	$\frac{1}{20,000}$	3.65	33 × 40	1917	.50
254	Connecticut River, Deep River to Higganum	Connecticut	$\frac{1}{20,000}$	3.65	23 × 38	1911	.25
255	Connecticut River, Higganum to Rocky Hill	Connecticut	$\frac{1}{20,000}$	3.65	23 × 38	1912	.25
256	Connecticut River, Rocky Hill to Hartford	Connecticut	$\frac{1}{20,000}$	3.65	23 × 38	1911	.25
216	Westbrook to East River	Connecticut	$\frac{1}{20,000}$	3.65	26 × 35	1917	.50
217	Guilford to East Haven	Connecticut	$\frac{1}{20,000}$	3.65	25 × 36	1917	.50
218	New Haven Harbor	Connecticut	$\frac{1}{20,000}$	3.65	26 × 37	1917	.50


2055
42°
41°
73°
72°
256
Hartford
255
254
Norwich
278
352
113
278
357
215
New London
Lyme
293
Stonington
Pt. Judith
275
359
358
The Race
298
Plum I.
Block I.
356
Montauk Pt.
New Haven
218
217
216
1213
Bridgeport
283
264
265
266
267
268
269
270
271
Stamford
Captains I.
367
368
366
LONG ISLAND SOUND
299
Sag Harbor
361
Oyster Bay
Hempstead
Huntington
1212
578
Shinnecock Light
LONG ISLAND
578
Great South Bay
Fire I. Light
1211
1214
1215

ATLANTIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

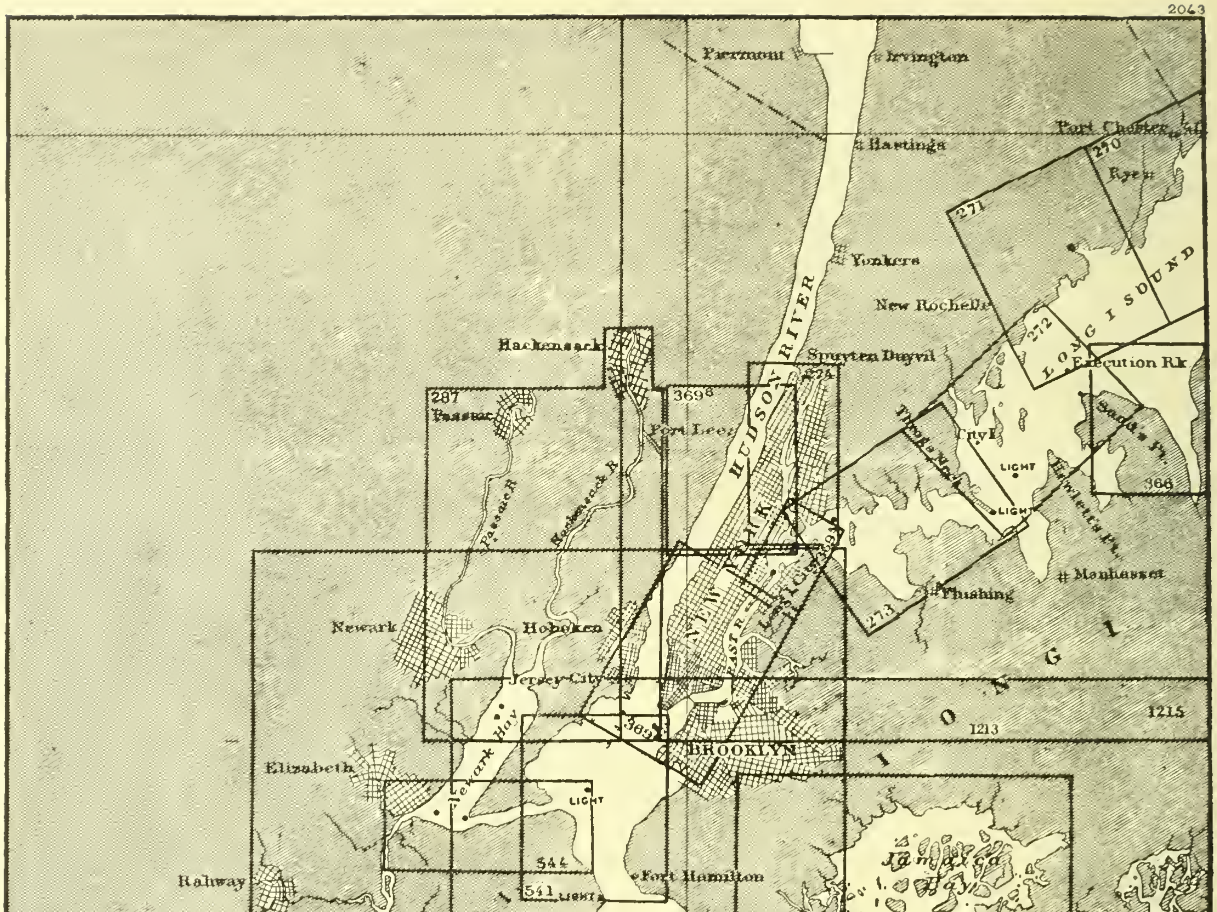
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
263	Oyster River Point to Milford	Connecticut	$\frac{1}{10,000}$	7.30	35 × 36	1911	$0.50
264	Milford to Bridgeport	Connecticut	$\frac{1}{10,000}$	7.30	35 × 39	1911	.50
265	East Bridgeport to Fairfield	Connecticut	$\frac{1}{10,000}$	7.30	35 × 43	1911	.50
266	Fairfield to Georges Rock	Connecticut	$\frac{1}{10,000}$	7.30	35 × 37	1911	.50
267	Georges Rock to Sheffield Island, including Saugatuck and Norwalk Rivers.	Connecticut	$\frac{1}{10,000}$	7.30	34 × 42	1911	.50
268	Sheffield Island to Westcott Cove	Connecticut	$\frac{1}{10,000}$	7.30	34 × 37	1917	.50
269	Stamford Harbor to Little Captain Island	Connecticut	$\frac{1}{10,000}$	7.30	34 × 36	1917	.50
270	Little Captain Island to Rye Neck	N. Y. and Conn.	$\frac{1}{10,000}$	7.30	34 × 38	1916	.50
271	Rye Neck to New Rochelle	New York	$\frac{1}{10,000}$	7.30	34 × 43	1915	.50
298	Gardiners Bay, Long Island	New York	$\frac{1}{40,000}$	1.82	29 × 31	1913	.25
299	Peconic Bay, Long Island	New York	$\frac{1}{40,000}$	1.82	25 × 27	1911	.25
	Mattituck Inlet		$\frac{1}{10,000}$	7.30			
361[4]	Port Jefferson, Long Island	New York	$\frac{1}{10,000}$	7.30	24 × 29	1909	.30
368	Huntington Bay, Long Island	New York	$\frac{1}{30,000}$	2.48	19 × 19	1911	.20
367	Oyster Bay, Long Island	New York	$\frac{1}{30,000}$	2.48	15 × 20	1916	.20
366	Hempstead Harbor	New York	$\frac{1}{20,000}$	3.65	15 × 21	1911	.20


2081
284
283
Kingston
Hudson
Poughkeepsie
Kingston
HUDSON RIVER
282
Newburgh
West Point
Peekskill
Haverstraw
281
Ossining
Yonkers
Ft Lee
Harlem
Albany
Watervliet
Troy
HUDSON RIVER
Coxsackie
284
283
Hudson
42°
276
352
113
278
357
Norwich
New London
Stonington
Pt. Judith
275
New Haven
359
THE RACE
358
298
1213
Bridgeport
Plum I.
Block I.
356
LONG ISLAND SOUND
299
Montauk Pt.
Captains I.
Old Field Pt
361
Sag Harbor
41°
Huntington
Oyster Bay
Hempstead
578
1212
LONG ISLAND
Shinnecock Light
Great South Bay
578
Fire I. Light
1211
1214
1215
73°
72°

ATLANTIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

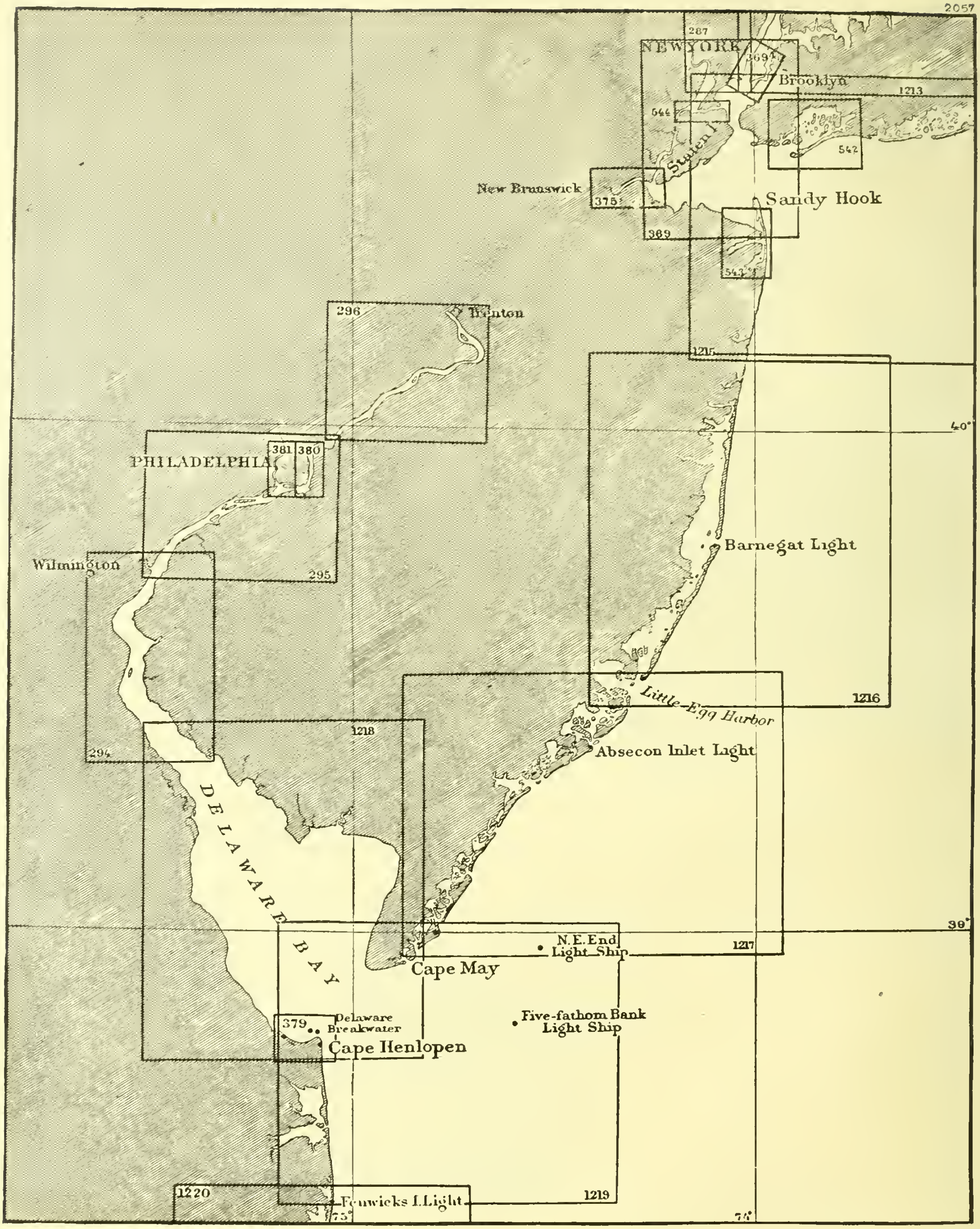
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
1214	Shinnecock Light to Fire Island Light	New York	$\frac{1}{80,000}$	0.91	31 × 43	1913	$0.50
1215	Approaches to New York, Fire Island Light to Sea Girt Light.	N.Y. and N.J.	$\frac{1}{80,000}$	0.91	33 × 42	1914	.50
281	Hudson River—New York to Haverstraw	N.Y. and N.J.	$\frac{1}{40,000}$	1.82	20 × 41	1911	.50
282	Hudson River—Haverstraw to Newburgh	New York	$\frac{1}{40,000}$	1.82	20 × 42	1907	.50
283	Hudson River—Poughkeepsie to Hudson	New York	$\frac{1}{40,000}$	1.82	30 × 41	1916	.50
284	Hudson River—Coxsackie to Troy	New York	$\frac{1}{40,000}$	1.82	20 × 41	1917	.50
578	Inland waters, Shinnecock Bay to Great South Bay.	New York	$\frac{1}{40,000}$	1.82	34 × 45	1916	.50


2043
Piermont
Irvington
Port Chester
Hastings
270
Rye
271
Yonkers
LONG ISLAND SOUND
New Rochelle
HUDSON RIVER
Hackensack
Spuyten Duyvil
272
Execution Rk
274
287
Passaic
369
Fort Lee
City I.
Sands Pt.
LIGHT
366
Passaic R.
Hackensack R.
NEW YORK
EAST R.
Manhasset
Flushing
273
Newark
Hoboken
LONG I
Jersey City
1215
1213
Newark Bay
BROOKLYN
Elizabeth
LIGHT
544
Rahway
541
Fort Hamilton
Jamaica Bay
BEACON
STATEN I.
Coney I.
BEACON
Rockaway Beach
542
Perth Amboy
PRINCESS BAY LIGHT
40°30'
New Brunswick
South Amboy
Raritan Bay
Sandy Hook
AMBROSE CHAN LT SHIP
LIGHT
375
BEACON
543
Keyport
SCOTLAND LT SHIP
BEACON
363
BEACON
NAVESINK LTS
Long Branch
74°

ATLANTIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

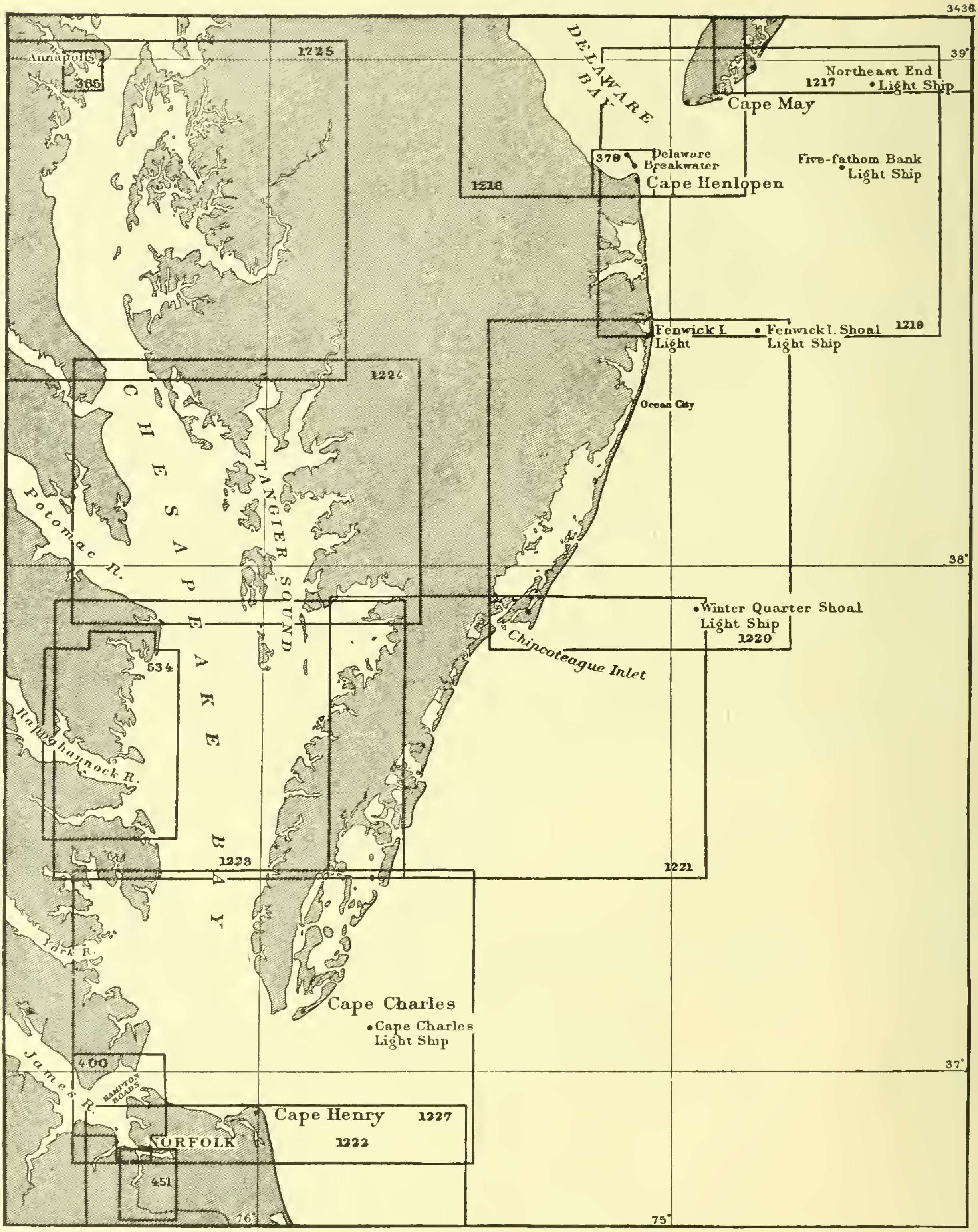
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
369	New York Harbor	N. Y. and N. J.	$\frac{1}{40,000}$	1. 82	34 × 44	1917	$0. 50
272	New Rochelle to Throgs Neck	New York	$\frac{1}{10,000}$	7. 30	35 × 43	1899	. 50
273	Throgs Neck to Randall Island	New York	$\frac{1}{10,000}$	7. 30	35 × 43	1915	. 50
274	Harlem River	New York	$\frac{1}{10,000}$	7. 30	21 × 41	1917	. 25
369^{5}	Hell Gate and East River, from Blackwells Island to Lawrence Point.	New York	$\frac{1}{5,000}$	14. 59	25 × 42	1916	. 50
369^{4}	Hudson and East Rivers, from West 67th Street to Blackwells Island.	N. Y. and N. J.	$\frac{1}{10,000}$	7. 30	31 × 46	1916	. 50
369^{8}	Hudson River, from Days Point to Fort Washington Point.	New York	$\frac{1}{10,000}$	7. 30	28 × 41	1916	. 50
541	New York Harbor, Upper Bay and Narrows (anchorage chart).	N. Y. and N. J.	$\frac{1}{10,000}$	7. 30	34 × 43	1917	. 50
542	Jamaica Bay and Rockaway Inlet	New York	$\frac{1}{20,000}$	3. 65	31 × 40	1916	. 50
287	Passaic and Hackensack Rivers	New Jersey	$\frac{1}{20,000}$	3. 65	28 × 41	1916	. 50
375	Raritan River	New Jersey	$\frac{1}{20,000}$	3. 65	20 × 34	1911	. 50
543	Shrewsbury River	New Jersey	$\frac{1}{20,000}$	3. 65	22 × 33	1917	. 30
544	Kill van Kull	N. Y. and N. J.	$\frac{1}{15,000}$	4. 86	14 × 32	1917	. 30


2057
287
NEW YORK
369
Brooklyn
1213
544
Staten I.
542
New Brunswick
375
Sandy Hook
369
543
296
Trenton
1215
40°
PHILADELPHIA
381
380
Barnegat Light
Wilmington
295
1216
Little Egg Harbor
Absecon Inlet Light
1218
294
DELAWARE BAY
39°
N.E. End Light Ship
1217
Cape May
Five-fathom Bank Light Ship
379
Delaware Breakwater
Cape Henlopen
1220
Fenwicks I. Light
1219
75°
74°

ATLANTIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

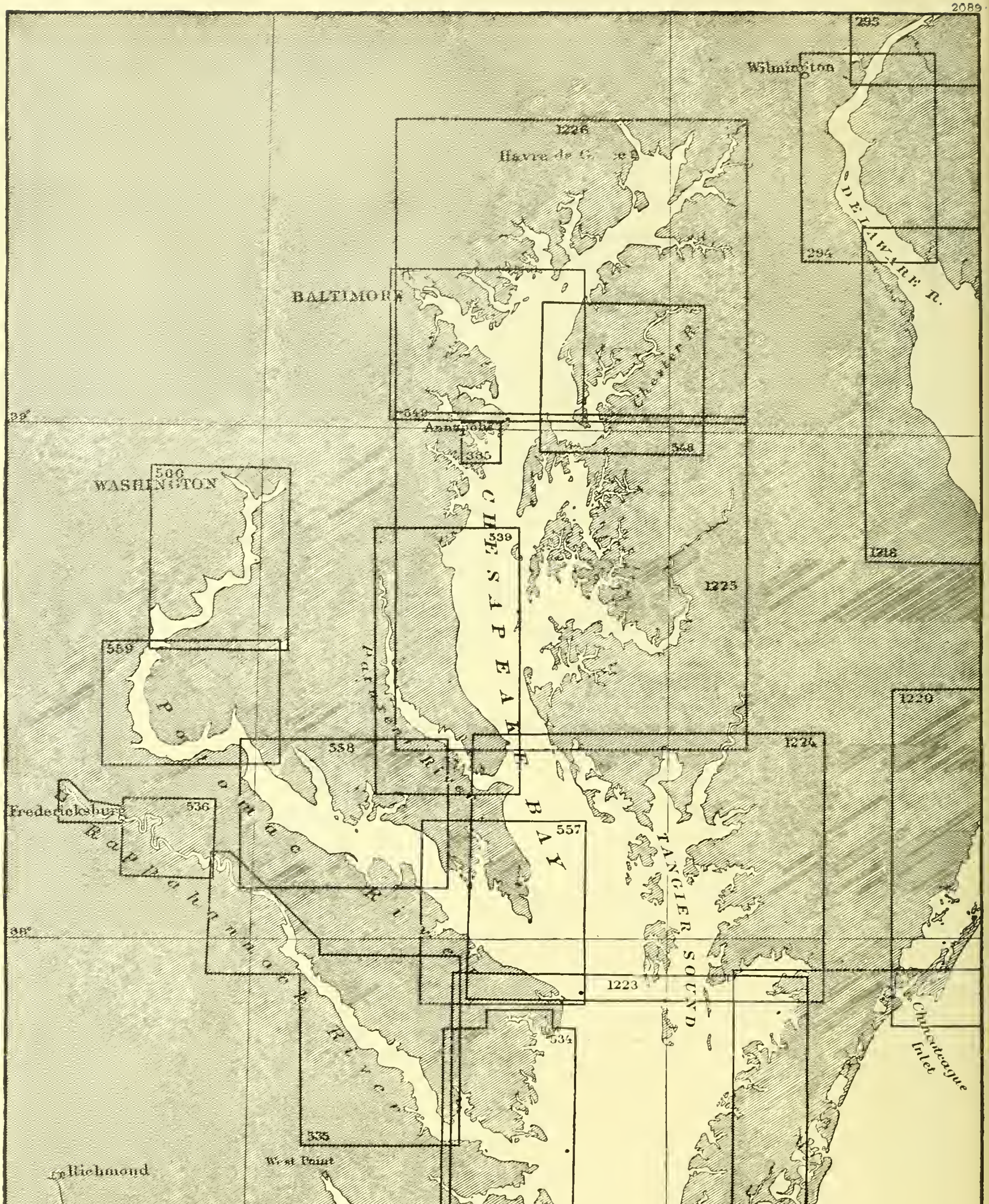
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
1216	Sea Girt Light to Little Egg Inlet	New Jersey	$\frac{1}{80,000}$	0.91	33 × 39	1917	$0.50
	Little Egg Inlet		$\frac{1}{40,000}$	1.82			
1217	Little Egg Harbor to Hereford Inlet	New Jersey	$\frac{1}{80,000}$	0.91	32 × 41	1915	.50
	Absecon Inlet		$\frac{1}{40,000}$	1.82			
379	Cape Henlopen and the Delaware Breakwater	Delaware	$\frac{1}{20,000}$	3.65	21 × 27	1916	.25
1218	Delaware Bay	N. J. and Del.	$\frac{1}{80,000}$	0.91	31 × 37	1915	.50
294	Delaware River—Bombay Hook to Wilmington	N. J. and Del.	$\frac{1}{40,000}$	1.82	29 × 45	1913	.50
295	Delaware River—Wilmington to Philadelphia	N. J. and Pa.	$\frac{1}{40,000}$	1.82	32 × 43	1915	.50
296	Delaware River—Philadelphia to Trenton	N. J. and Pa.	$\frac{1}{40,000}$	1.82	28 × 33	1914	.50
380	Philadelphia water front, Delaware River	Pennsylvania	$\frac{1}{9,600}$	7.60	26 × 51	1916	.50
381	Philadelphia water front, Schuylkill River	Pennsylvania	$\frac{1}{9,600}$	7.60	26 × 45	1917	.50


3436
39°
1225
Annapolis
385
DELAWARE BAY
Northeast End
1217
Light Ship
Cape May
379
Delaware
Breakwater
Cape Henlopen
Five-fathom Bank
Light Ship
1218
Fenwick I.
Light
Fenwick I. Shoal
Light Ship
1219
1224
Ocean City
CHESAPEAKE BAY
TANGIER SOUND
Potomac R.
38°
Winter Quarter Shoal
Light Ship
1220
Chincoteague Inlet
534
Rappahannock R.
1223
1221
York R.
Cape Charles
Cape Charles
Light Ship
400
37°
James R.
HAMPTON ROADS
Cape Henry
1227
1222
NORFOLK
451
76°
75°

ATLANTIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

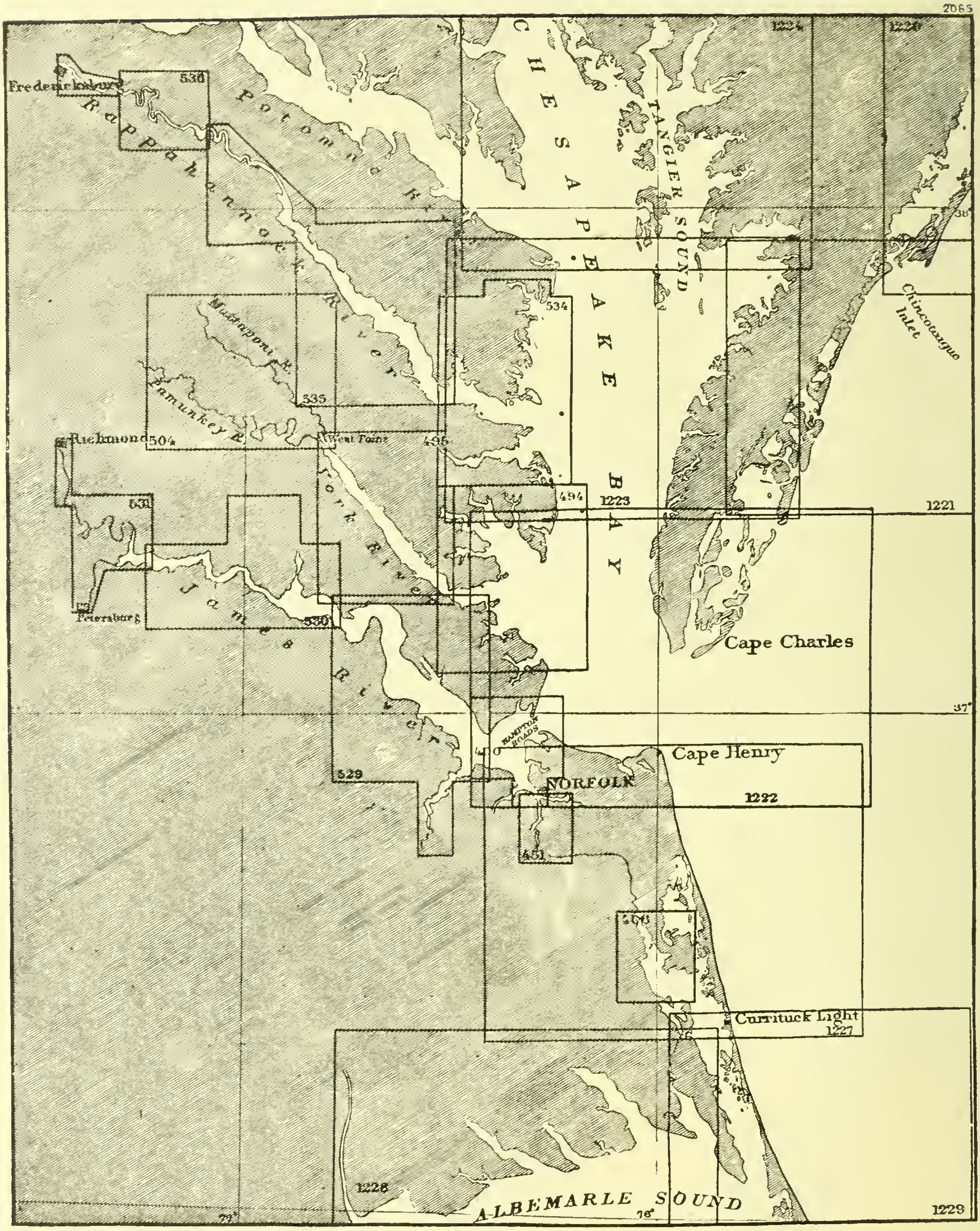
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
1219	Cape May to Fenwick Island Light	N. J. and Del.	$\frac{1}{80,000}$	0.91	32 × 38	1915	$0.50
1220	Fenwick Island Light to Chincoteague Inlet	Md. and Va	$\frac{1}{80,000}$	0.91	33 × 38	1917	.50
1221	Chincoteague Inlet to Hog Island Light	Virginia	$\frac{1}{80,000}$	0.91	31 × 41	1917	.50
1222	Entrance to Chesapeake Bay	Virginia	$\frac{1}{80,000}$	0.91	33 × 43	1915	.50
1223	Chesapeake Bay—Wolftrap to Smith Point	Md. and Va	$\frac{1}{80,000}$	0.91	31 × 39	1917	.50
1224	Chesapeake Bay—Smith Point to Cove Point	Md. and Va	$\frac{1}{80,000}$	0.91	30 × 41	1913	.50


2089
295
Wilmington
294
DELAWARE R.
1226
Havre de Grace
BALTIMORE
Chester R.
549
548
Annapolis
385
39°
WASHINGTON
560
CHESAPEAKE
BAY
539
1225
1218
559
Potomac River
Patuxent River
558
1224
1220
Fredericksburg
536
Rappahannock River
557
TANGIER SOUND
38°
1223
534
Chincoteague Inlet
335
Richmond
West Point
77°
76°
1221

ATLANTIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

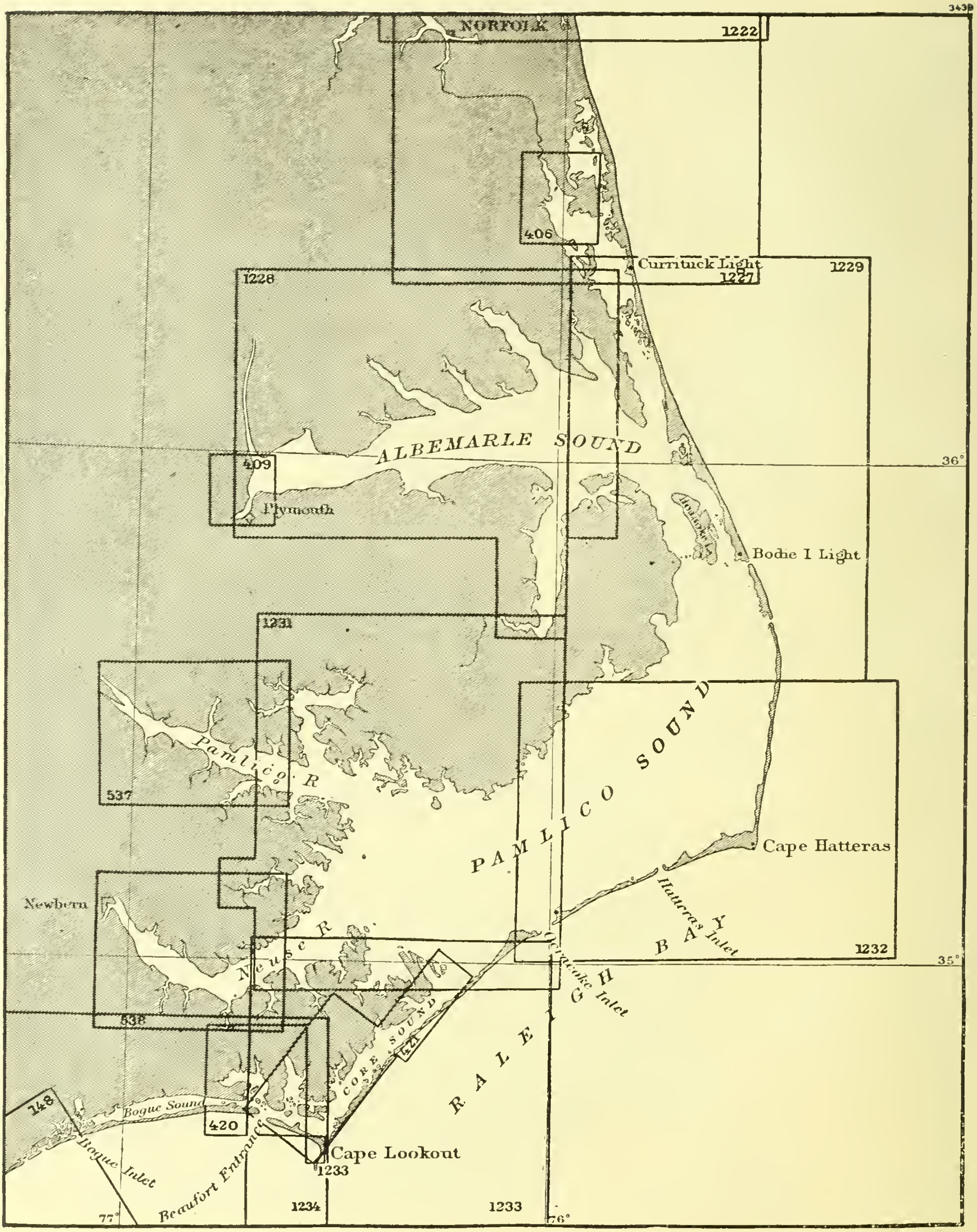
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
1225	Chesapeake Bay—Cove Point to Sandy Point	Maryland	$\frac{1}{80,000}$	0.91	35 × 38	1913	$0.50
1226	Chesapeake Bay—Sandy Point to head of Bay	Maryland	$\frac{1}{80,000}$	0.91	34 × 38	1913	.50
549	Baltimore Harbor	Maryland	$\frac{1}{40,000}$	1.82	33 × 39	1905	.50
385	Annapolis Harbor	Maryland	$\frac{1}{10,000}$	7.30	31 × 33	1911	.50
539	Patuxent River	Maryland	$\frac{1}{40,000}$	1.82	32 × 37	1909	.50
557	Potomac River, entrance to Piney Point	Md. and Va	$\frac{1}{40,000}$	1.82	35 × 40	1913	.50
558	Potomac River, Piney Point to Lower Cedar Point.	Md. and Va	$\frac{1}{40,000}$	1.82	34 × 45	1907	.50
559	Potomac River, Lower Cedar Point to Mattawoman Creek.	Md. and Va	$\frac{1}{40,000}$	1.82	30 × 39	1907	.50
560	Potomac River, Mattawoman Creek to Georgetown.	Md. and Va	$\frac{1}{40,000}$	1.82	29 × 40	1911	.50
	Washington Harbor	----------	$\frac{1}{20,000}$	3.65	----------	-----	----------
534	Rappahannock River, entrance to Tolls Point, including Great Wicomico River.	Virginia	$\frac{1}{40,000}$	1.82	33 × 41	1910	.50
535	Rappahannock River—Tolls Point to Marsh Point.	Virginia	$\frac{1}{40,000}$	1.82	33 × 40	1911	.50
536	Rappahannock River—Marsh Point to Fredericksburg.	Virginia	$\frac{1}{20,000}$	3.65	32 × 41	1915	.50
548	Chester River	Maryland	$\frac{1}{40,000}$	1.82	33 × 35	1912	.50


2065
Fredericksburg
536
Rappahannock River
Potomac River
CHESAPEAKE BAY
TANGIER SOUND
1224
1220
38°
Chincoteague Inlet
534
Mattapony R.
535
Pamunkey R.
Richmond
504
West Point
495
494
1223
1221
531
York River
James River
530
Petersburg
Cape Charles
37°
Hampton Roads
400
Cape Henry
529
NORFOLK
1222
451
Currituck Light
1227
1228
ALBEMARLE SOUND
76°
77°
1229

ATLANTIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

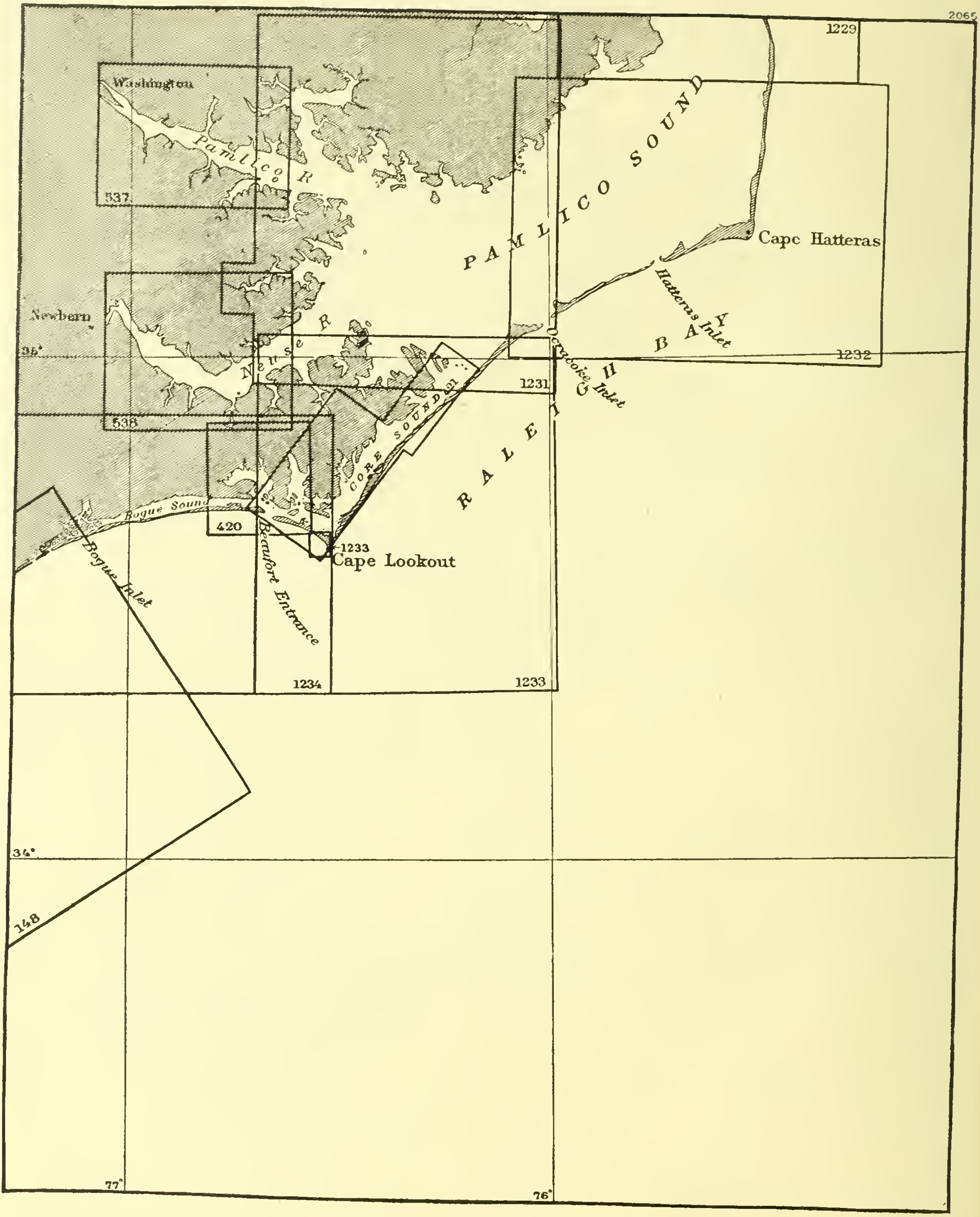
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
494	York River, entrance to Yorktown	Virginia	$\frac{1}{40,000}$	1.82	32 × 42	1912	$0.50
495	York River, Yorktown to Westpoint	Virginia	$\frac{1}{40,000}$	1.82	30 × 40	1914	.50
400	Hampton Roads, with continuation to Norfolk	Virginia	$\frac{1}{20,000}$	3.65	34 × 41	1915	.50
529	James River, Newport News to Jamestown	Virginia	$\frac{1}{40,000}$	1.82	34 × 40	1912	.50
530	James River, Jamestown to Jordan Point	Virginia	$\frac{1}{40,000}$	1.82	21 × 41	1914	.50
531	James River, Jordan Point to Richmond	Virginia	$\frac{1}{40,000}$	1.82	31 × 41	1914	.50
1227	**Cape Henry to Currituck Beach Light**	**Virginia**	$\frac{1}{80,000}$	0.91	**32 × 41**	**1916**	**.50**
504	**Pamunkey and Mattaponi Rivers**	**Virginia**	$\frac{1}{40,000}$	1.82	**34 × 40**	**1914**	**.50**
451	**Southern Branch of Elizabeth River**	**Virginia**	$\frac{1}{20,000}$	3.65	**22 × 30**	**1914**	**.30**


3439
NORFOLK
1222
406
Currituck Light
1227
1229
1228
ALBEMARLE SOUND
409
Plymouth
36°
Bodie I Light
1231
537
Pamlico R
PAMLICO SOUND
Cape Hatteras
Hatteras Inlet
1232
Newbern
Neuse R.
35°
538
Ocracoke Inlet
RALEIGH BAY
421
CORE SOUND
148
Bogue Sound
420
Bogue Inlet
Beaufort Entrance
Cape Lookout
1233
1234
1233
77°
76°

ATLANTIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

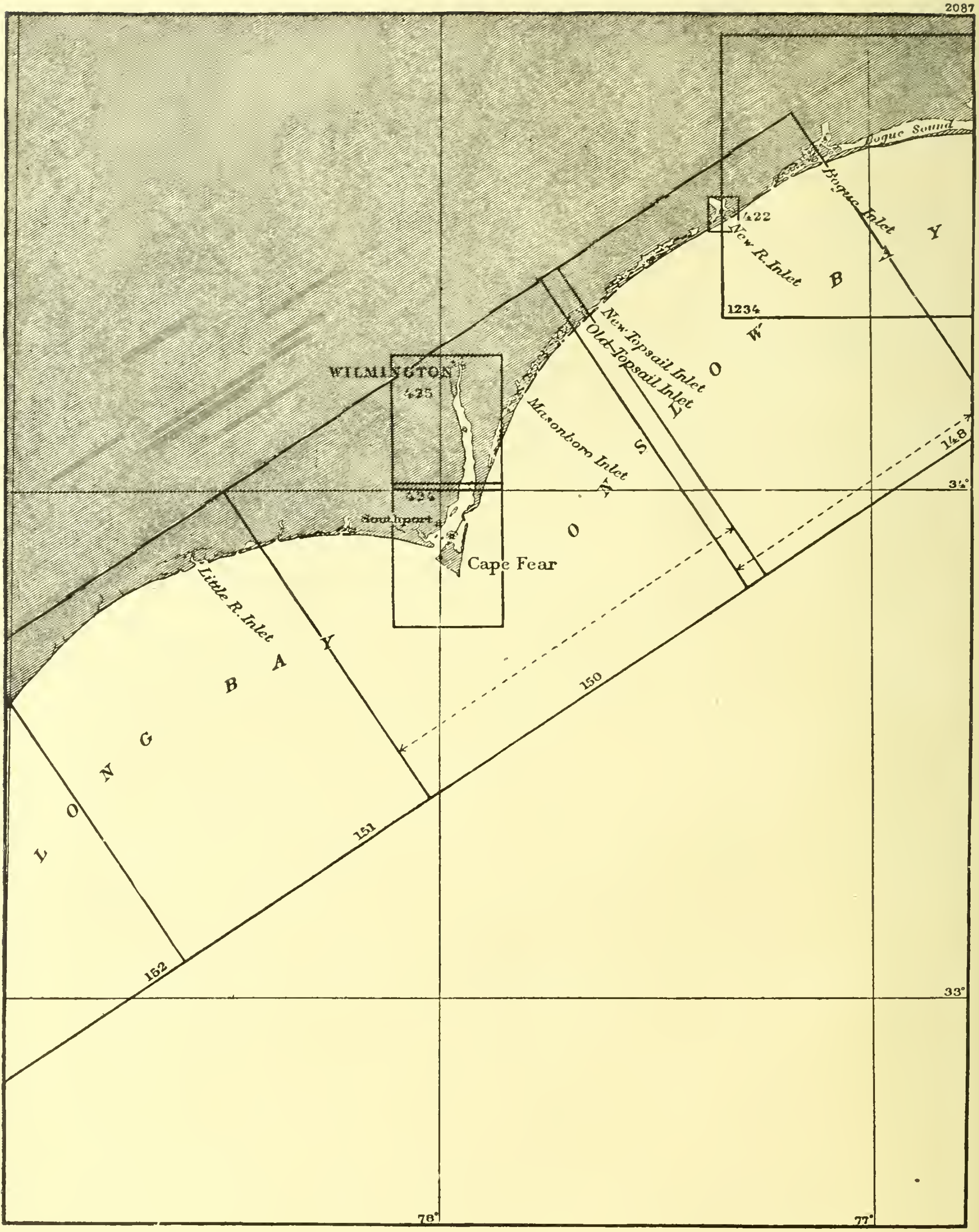
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
406	North Landing River	Virginia	$\frac{1}{40,000}$	1.82	17 × 21	1916	$0.20
1229	Currituck Beach to New Inlet	N. Carolina	$\frac{1}{80,000}$	0.91	32 × 47	1913	.50
1228	Albemarle Sound	N. Carolina	$\frac{1}{80,000}$	0.91	31 × 38	1913	.50
409	Mouth of Roanoke River	N. Carolina	$\frac{1}{30,000}$	2.43	19 × 21	1917	.10
1231	Pamlico Sound, western part	N. Carolina	$\frac{1}{80,000}$	0.91	34 × 42	1915	.50
1232	Cape Hateras, Wimble Shoal to Ocracoke Inlet	N. Carolina	$\frac{1}{80,000}$	0.91	32 × 42	1916	.50
537	Pamlico River	N. Carolina	$\frac{1}{40,000}$	0.91	30 × 41	1915	.50
538	Neuse River and upper part of Bay River	N. Carolina	$\frac{1}{40,000}$	0.91	35 × 42	1915	.50


2065
1229
Washington
Pamlico R
537
PAMLICO SOUND
Cape Hatteras
Hatteras Inlet
Newbern
Neuse R
35°
1232
BAY
1231
Ocracoke Inlet
RALEIGH
CORE SOUND
1121
538
420
Bogue Sound
Bogue Inlet
Beaufort Entrance
1233
Cape Lookout
1234
1233
34°
148
77°
76°

ATLANTIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

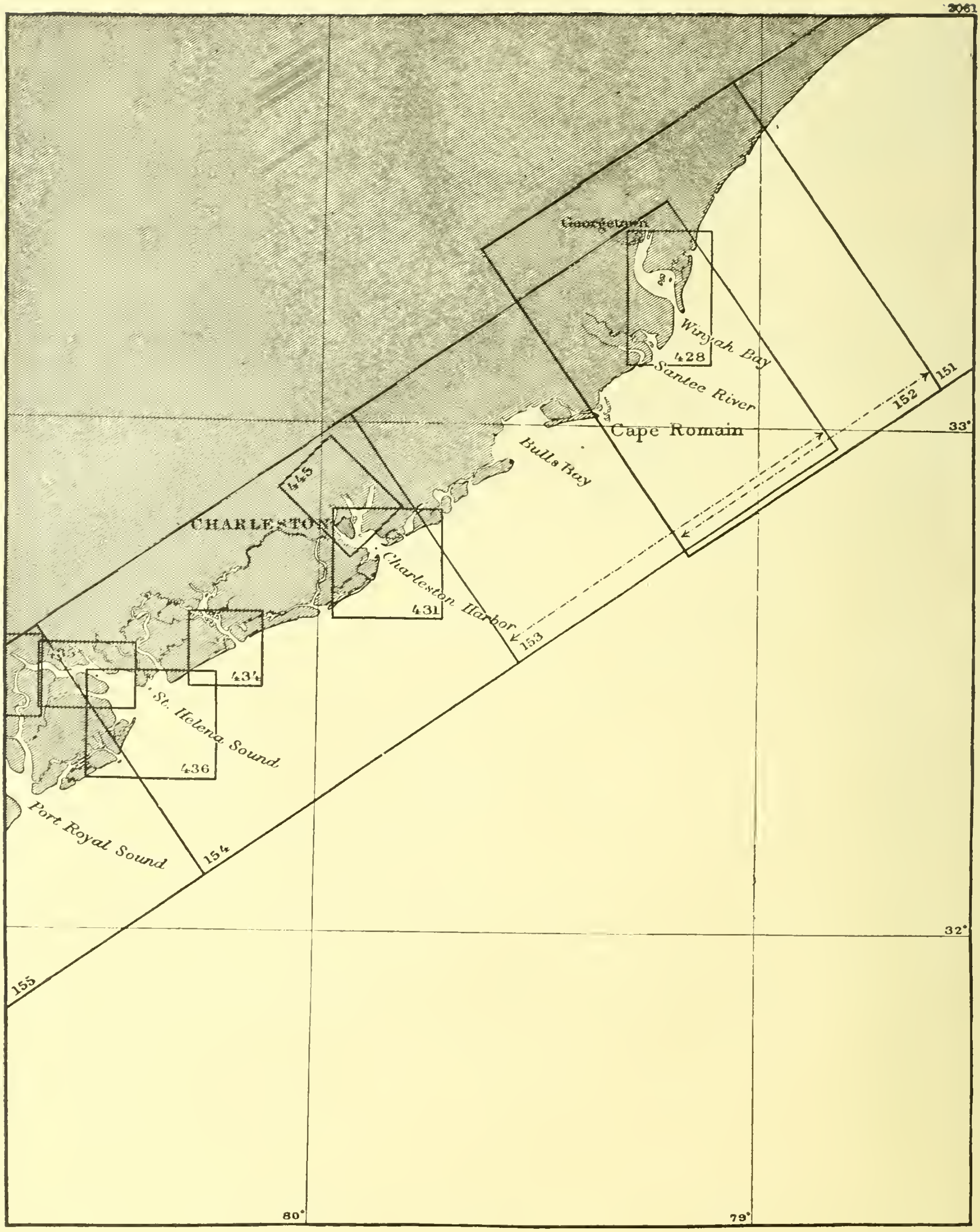
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
421	Core Sound and Straits	N. Carolina	$\frac{1}{40,000}$	1.82	20 × 34	1915	$0.20
420	Beaufort Harbor	N. Carolina	$\frac{1}{40,000}$	1.82	23 × 24	1915	.25
1233	Portsmouth Island to Beaufort, including Cape Lookout Shoals.	N. Carolina	$\frac{1}{80,000}$	0.91	34 × 42	1916	.50
	Lookout Bight	....	$\frac{1}{20,000}$	3.64	....	......	....
1234	Cape Lookout to New River	N. Carolina	$\frac{1}{80,000}$	0.91	33 × 39	1917	.50


2087
Bogue Sound
Bogue Inlet
422
New R. Inlet
1234
O N S L O W   B A Y
New Topsail Inlet
Old Topsail Inlet
Masonboro Inlet
WILMINGTON
425
424
Southport
Cape Fear
Little R. Inlet
L O N G   B A Y
148
150
151
152
34°
33°
78°
77°

ATLANTIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

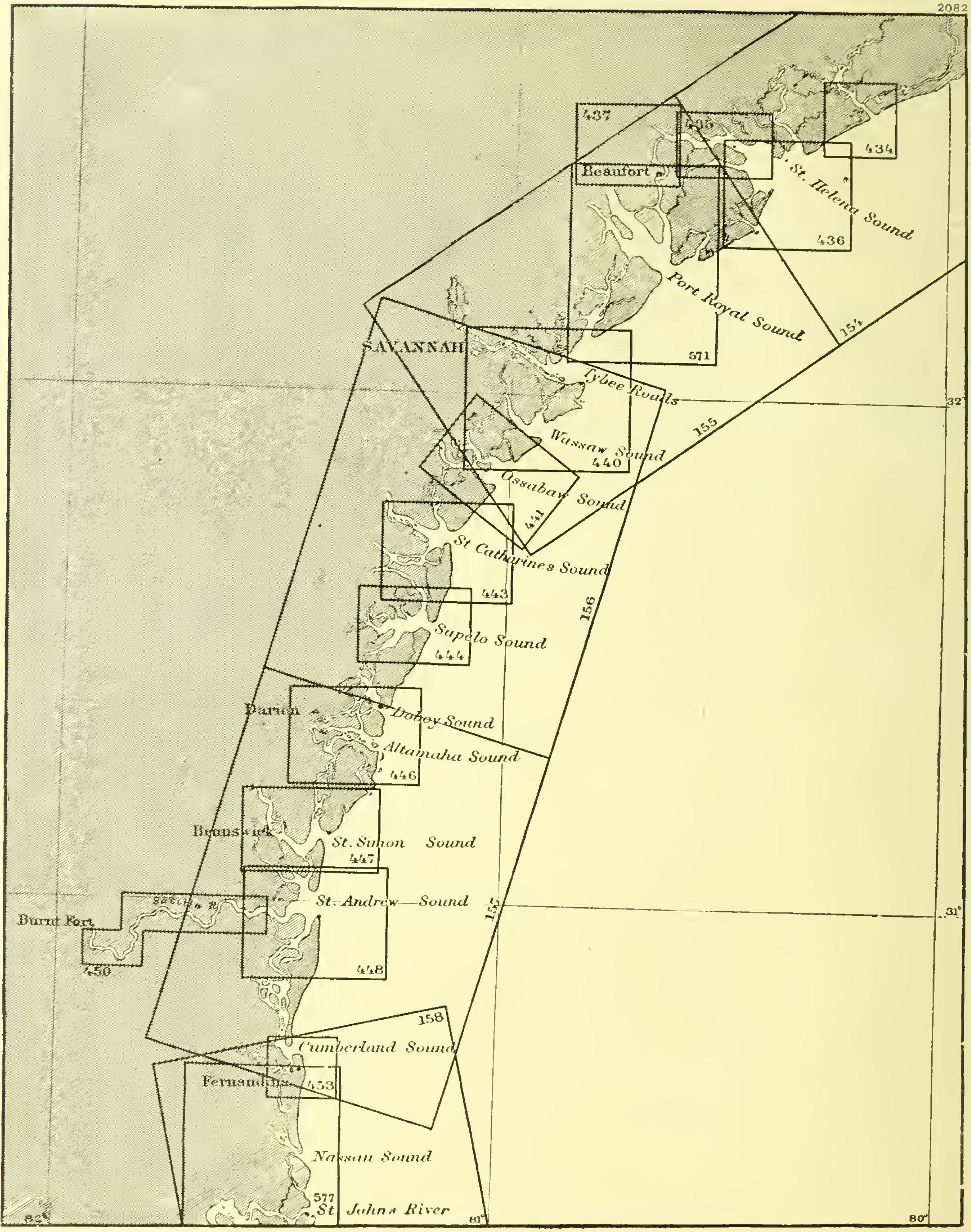
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
148	Bogue Inlet to Old Topsail Inlet	N. Carolina	$\frac{1}{80,000}$	0.91	33 × 41	1889	$0.50
422	New River Inlet	N. Carolina	$\frac{1}{10,000}$	7.30	27 × 31	1917	.25
150	Old Topsail Inlet to Shallotte Inlet, including Cape Fear.	N. Carolina	$\frac{1}{80,000}$	0.91	32 × 40	1914	.50
424	Cape Fear River, entrance to Reeves Point	N. Carolina	$\frac{1}{40,000}$	1.82	24 × 30	1917	.50
425	Cape Fear River, Reeves Point to Wilmington	N. Carolina	$\frac{1}{40,000}$	1.82	24 × 30	1913	.50
151	Little River Inlet and part of Long Bay	S. Carolina	$\frac{1}{80,000}$	0.91	33 × 41	1888	.50


3061
Georgetown
Winyah Bay
428
Santee River
Cape Romain
Bulls Bay
CHARLESTON
445
431
Charleston Harbor
434
435
436
St. Helena Sound
Port Royal Sound
151
152
153
154
155
33°
32°
80°
79°

ATLANTIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

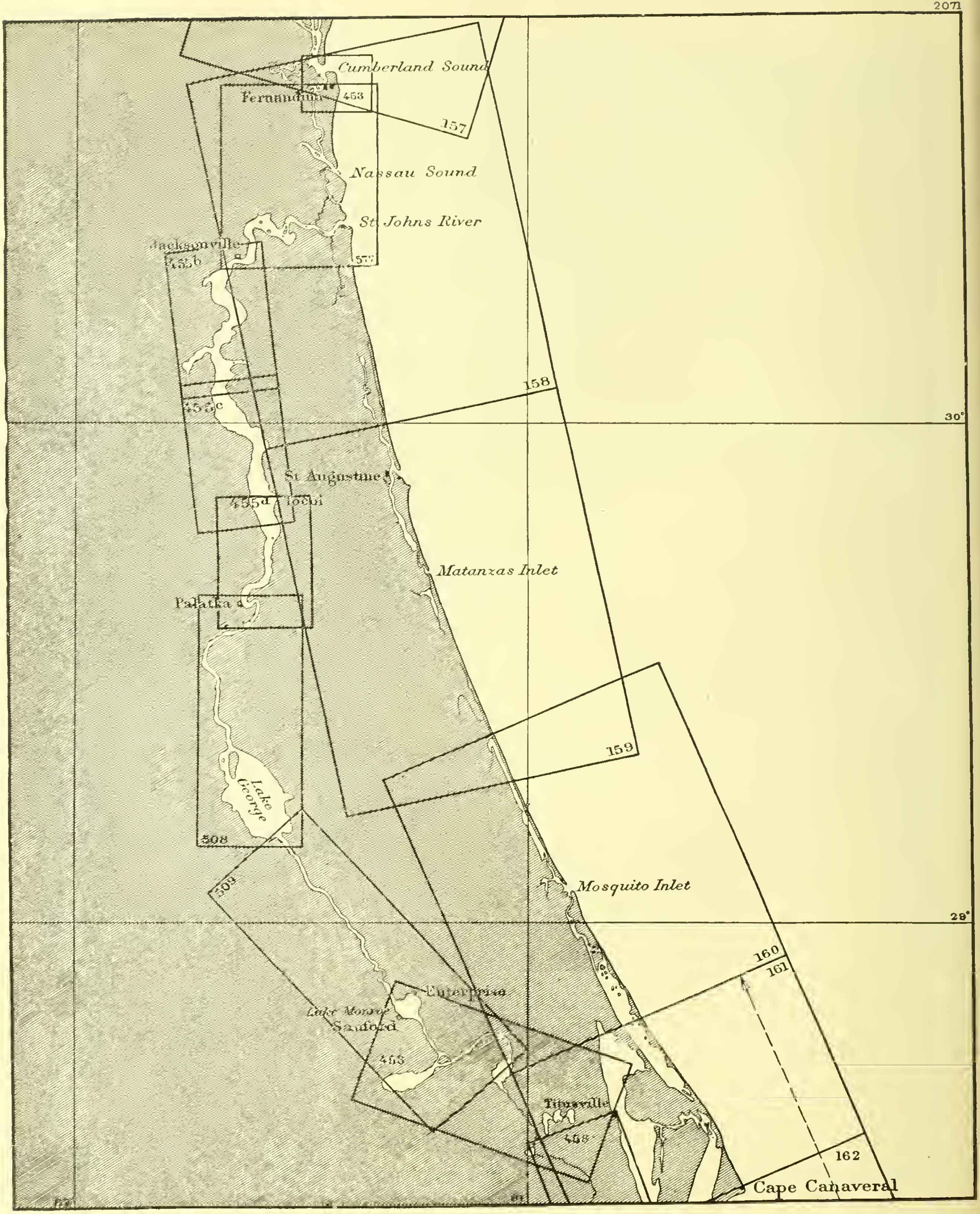
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
152	Murrell Inlet to Cape Romain, including Winyah Bay.	S. Carolina	$\frac{1}{80,000}$	0.91	32 × 40	1916	$0.50
153	North Island to Isle of Palms, including Cape Romain.	S. Carolina	$\frac{1}{80,000}$	0.91	32 × 40	1917	.50
428	Winyah Bay	S. Carolina	$\frac{1}{40,000}$	1.82	19 × 29	1917	.25
154	Isle of Palms to Hunting Island	S. Carolina	$\frac{1}{80,000}$	0.91	32 × 40	1916	.50
431	Charleston Harbor	S. Carolina	$\frac{1}{30,000}$	2.43	30 × 32	1917	.50
445	Charleston and vicinity	S. Carolina	$\frac{1}{20,000}$	3.65	31 × 37	1917	.50
434	North Edisto River	S. Carolina	$\frac{1}{50,000}$	1.46	14 × 17	1861	.20
435	Bull and Combahee Rivers	S. Carolina	$\frac{1}{40,000}$	1.82	15 × 22	1915	.20
436	St. Helena Sound	S. Carolina	$\frac{1}{40,000}$	1.82	24 × 28	1916	.25


2082
437
435
434
Beaufort
St. Helena Sound
436
Port Royal Sound
154
571
SAVANNAH
Tybee Roads
155
Wassaw Sound
440
Ossabaw Sound
441
St Catharines Sound
443
156
Supelo Sound
444
Darien
Doboy Sound
Altamaha Sound
446
Brunswick
St. Simon Sound
447
Satilla R.
St. Andrew Sound
Burnt Fort
155
450
448
158
Cumberland Sound
Fernandina
453
Nassau Sound
577
St Johns River
32°
31°
82°
81°
80°

ATLANTIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

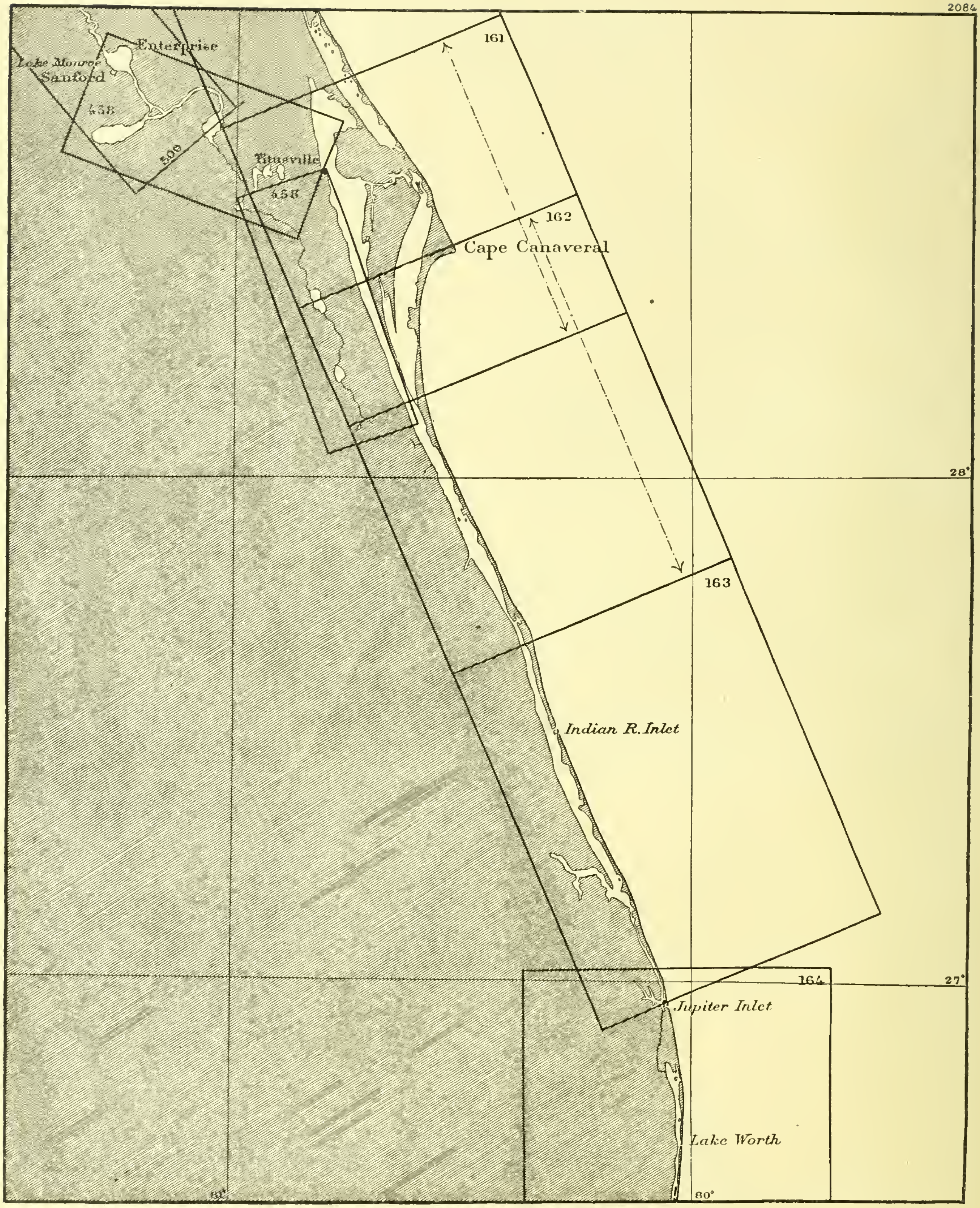
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
155	Hunting Island to Ossabaw Island	S. C. and Ga.	$\frac{1}{80,000}$	0.91	32 × 40	1917	$0.50
437	Whale Branch; inside passage between Coosaw and Broad Rivers.	S. Carolina	$\frac{1}{40,000}$	1.82	18 × 25	1876	.25
571	Port Royal Sound	S. Carolina	$\frac{1}{40,000}$	1.82	33 × 41	1917	.50
156	Savannah to Sapelo Island	S. C. and Ga.	$\frac{1}{80,000}$	0.91	32 × 41	1916	.50
440	Tybee Roads, Savannah River, and Wassaw Sound.	S. C. and Ga.	$\frac{1}{40,000}$	1.82	30 × 40	1916	.50
441	Ossabaw Sound	Georgia	$\frac{1}{30,000}$	2.43	24 × 37	1916	.25
443	St. Catharines Sound	Georgia	$\frac{1}{40,000}$	1.82	22 × 29	1905	.25
444	Sapelo Sound	Georgia	$\frac{1}{30,000}$	2.43	23 × 34	1905	.25
157	Sapelo Island to Amelia Island	Georgia	$\frac{1}{80,000}$	0.91	32 × 41	1915	.50
446	Doboy and Altamaha Sounds	Georgia	$\frac{1}{40,000}$	1.82	21 × 29	1913	.25
447	St. Simon Sound, Brunswick Harbor, and Turtle River.	Georgia	$\frac{1}{40,000}$	1.82	19 × 29	1915	.25
448	St. Andrew Sound	Georgia	$\frac{1}{40,000}$	1.82	24 × 29	1911	.25
450	Satilla River, Barclay Cut to Burnt Fort	Georgia	$\frac{1}{20,000}$	3.16	29 × 43	1912	.50


2071
Cumberland Sound
Fernandina
453
157
Nassau Sound
St Johns River
577
Jacksonville
455b
158
455c
30°
St Augustine
455d
Tocoi
Matanzas Inlet
Palatka
Lake George
508
159
509
Mosquito Inlet
29°
160
161
Enterprise
Lake Monroe
Sanford
453
Titusville
458
162
Cape Canaveral

ATLANTIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

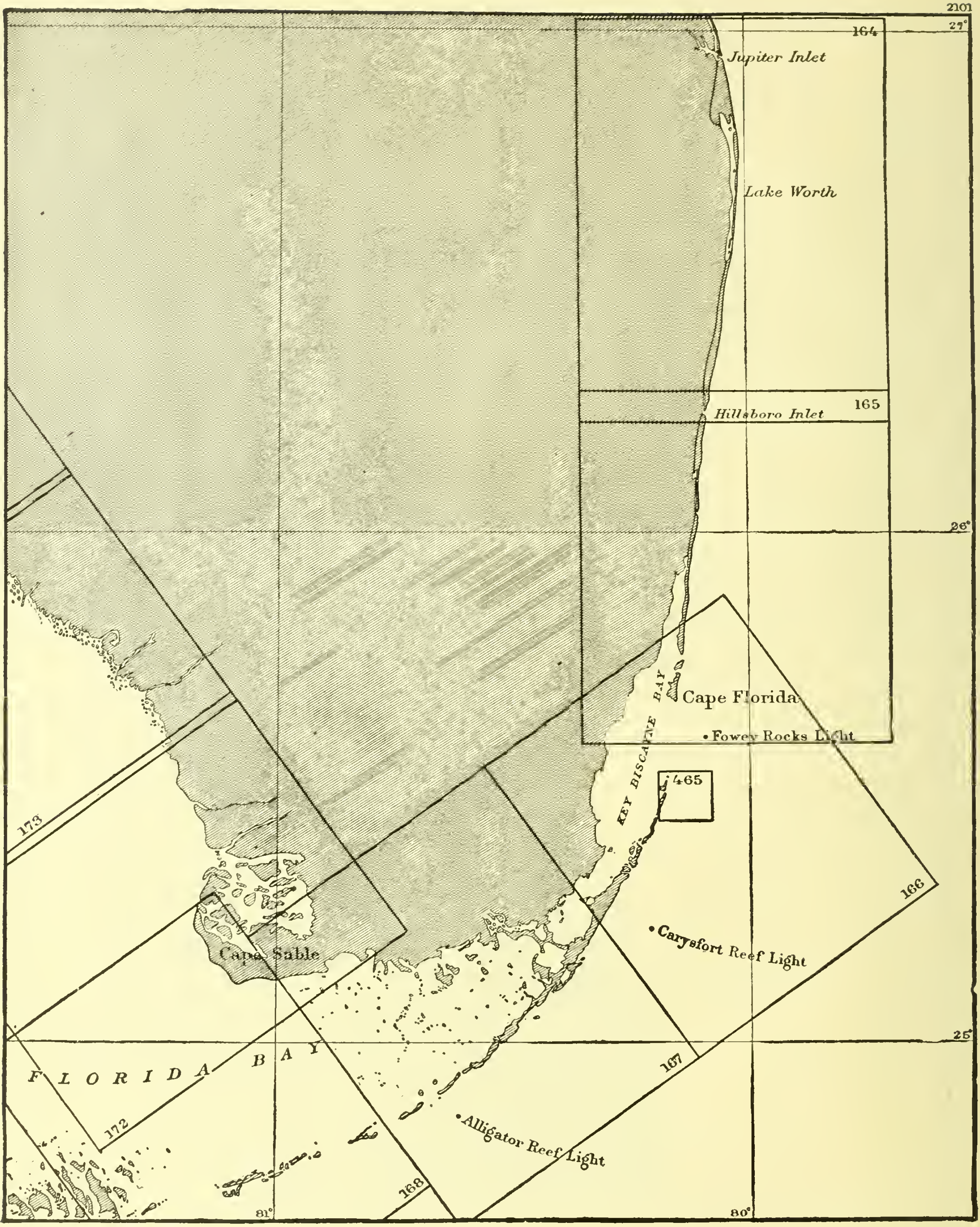
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
158	St. Marys entrance, and southward to Latitude 30° N.	Ga. and Fla	$\frac{1}{80,000}$	0.91	33 × 41	1915	$0.50
453	Fernandina entrance	Florida	$\frac{1}{20,000}$	3.65	25 × 30	1916	.25
577	Fernandina to Jacksonville	Florida	$\frac{1}{40,000}$	1.82	33 × 41	1917	.50
455*b*	St. Johns River, Jacksonville to Hibernia	Florida	$\frac{1}{40,000}$	1.82	21 × 32	1911	.40
455*c*	St. Johns River, Hibernia to Racy Point	Florida	$\frac{1}{40,000}$	1.82	21 × 32	1900	.40
455*d*	St. Johns River, Tocoi to San Mateo	Florida	$\frac{1}{40,000}$	1.82	21 × 29	1910	.40
508	St. Johns River, Palatka to Lake George	Florida	$\frac{1}{40,000}$	1.82	30 × 32	1909	.25
509	St. Johns River, Lake George to Lake Harney	Florida	$\frac{1}{40,000}$	1.82	30 × 32	1914	.25
458	St. Johns River, Lake Monroe to Lake Washington.	Florida	$\frac{1}{80,000}$	0.91	26 × 30	1909	.40
159	St. Augustine Inlet to Halifax River	Florida	$\frac{1}{80,000}$	0.91	32 × 41	1882	.50
160	Halifax River to Mosquito Lagoon	Florida	$\frac{1}{80,000}$	0.91	33 × 36	1882	.50


2084
161
Enterprise
Lake Monroe
Sanford
458
500
Titusville
458
162
Cape Canaveral
28°
163
Indian R. Inlet
164
27°
Jupiter Inlet
Lake Worth
81°
80°

ATLANTIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

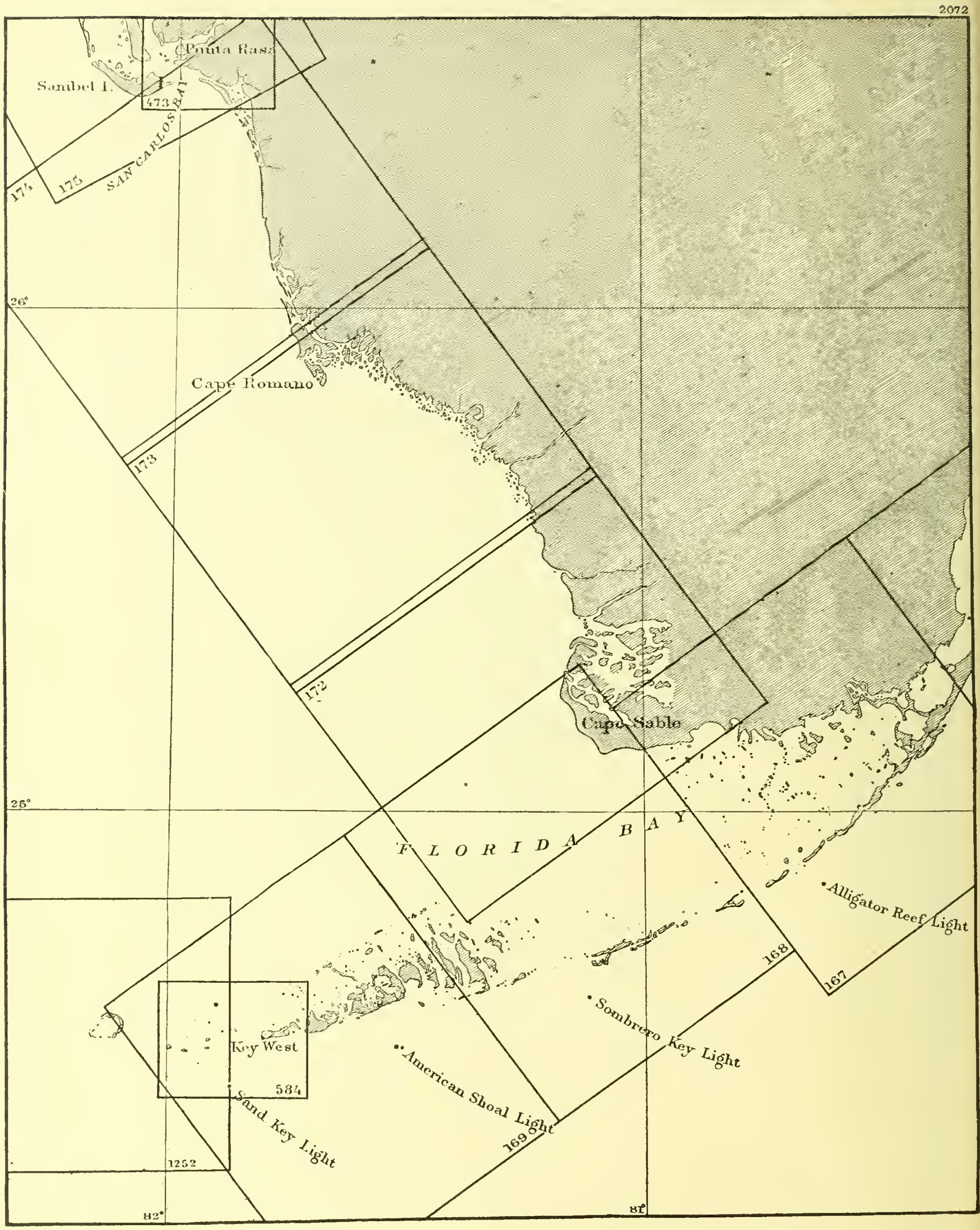
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches)	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
161	Cape Canaveral	Florida	$\frac{1}{80,000}$	0.91	32 × 35	1883	$0.50
162	Cape Canaveral southward to Latitude 27° 41′ N.	Florida	$\frac{1}{80,000}$	0.91	32 × 43	1887	.50
163	Latitude 27° 41′ N. to Jupiter Inlet	Florida	$\frac{1}{80,000}$	0.91	32 × 43	1887	.50


2101
27°
164
Jupiter Inlet
Lake Worth
Hillsboro Inlet
165
26°
Cape Florida
Fowey Rocks Light
KEY BISCAYNE BAY
465
166
Carysfort Reef Light
167
25°
173
Cape Sable
FLORIDA BAY
172
168
Alligator Reef Light
81°
80°

ATLANTIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

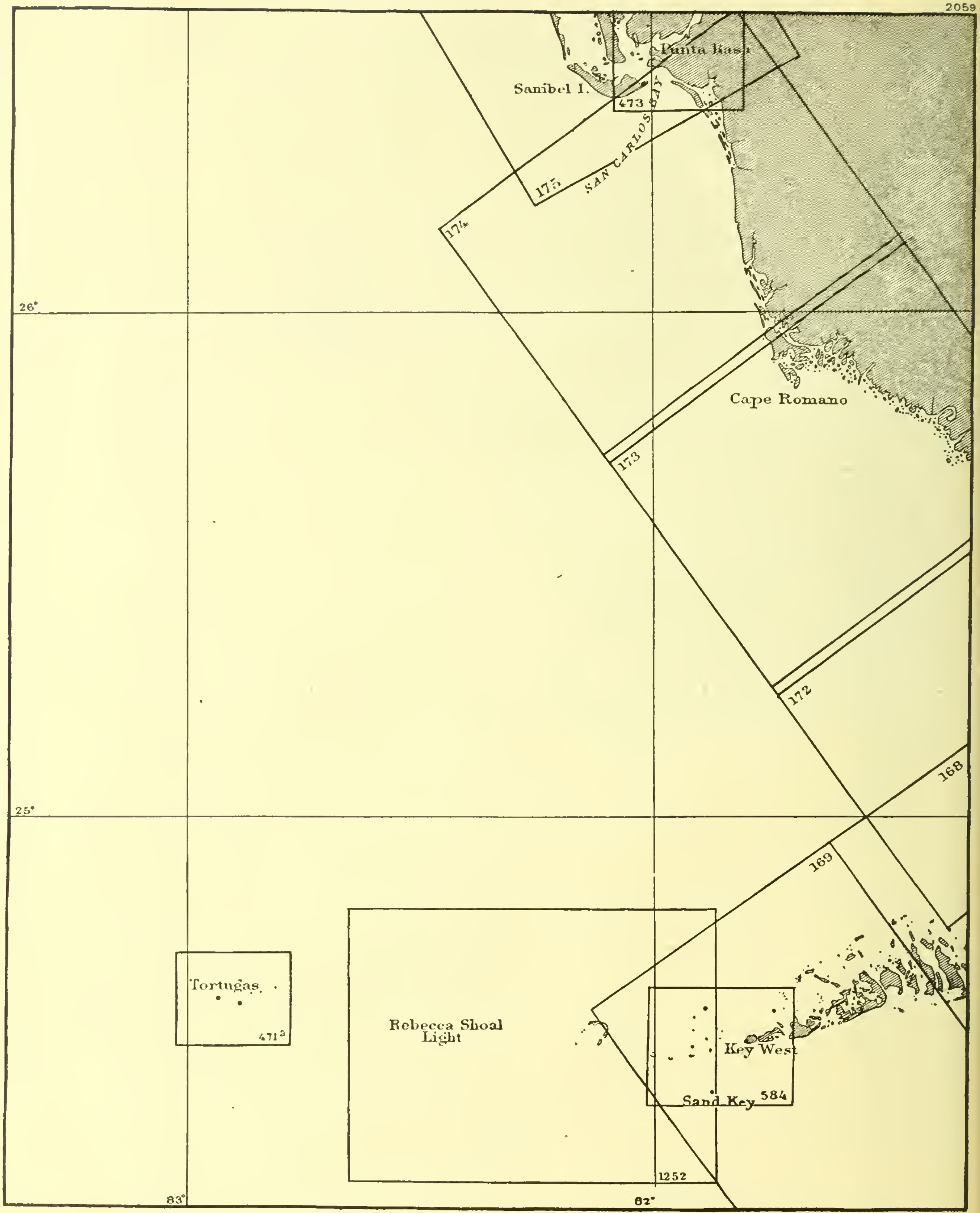
Catalogue number.	TITLE.	State.	Scale.		Size of border (Inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
164	Jupiter Inlet to Hillsboro Inlet	Florida	$\frac{1}{80,000}$	0.91	32 × 41	1887	$0.50
165	Hillsboro Inlet to Fowey Rocks	Florida	$\frac{1}{80,000}$	0.91	32 × 41	1887	.50
166	Key Biscayne to Carysfort Reef	Florida	$\frac{1}{80,000}$	0.91	32 × 40	1892	.50
465	Legaré Anchorage	Florida	$\frac{1}{20,000}$	3.65	22 × 22	1900	.15
167	Elbow Key to Matecumbe Key	Florida	$\frac{1}{80,000}$	0.91	32 × 39	1907	.50


2072
Punta Rasa
Sanibel I.
473
SAN CARLOS BAY
174
175
26°
Cape Romano
173
172
Cape Sable
25°
FLORIDA BAY
Alligator Reef Light
168
167
Sombrero Key Light
American Shoal Light
169
Key West
584
Sand Key Light
1252
82°
81°

ATLANTIC AND GULF COASTS.

GEOGRAPHICAL ARRANGEMENT.

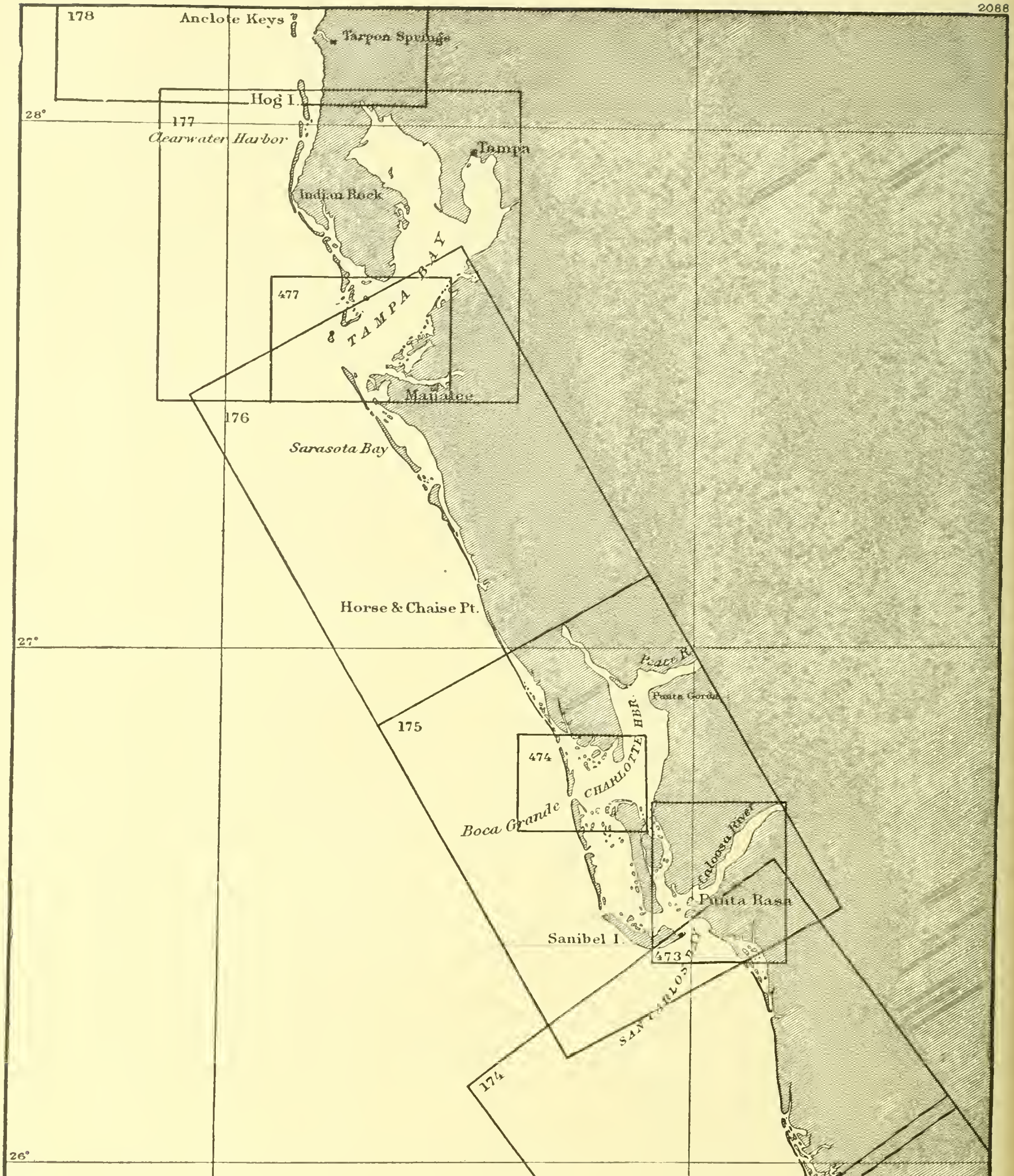
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
168	Long Key to Newfound Harbor Key	Florida	$\frac{1}{80,000}$	0.91	32 × 41	1895	$0.50
169	Newfound Harbor Key to Boca Grande Key	Florida	$\frac{1}{80,000}$	0.91	31 × 41	1913	.50
584	Key West Harbor and approaches	Florida	$\frac{1}{30,000}$	2.43	34 × 42	1914	.50
172	Cape Sable to Seminole Point	Florida	$\frac{1}{80,000}$	0.91	32 × 40	1895	.50
173	Seminole Point to Big Marco Pass	Florida	$\frac{1}{80,000}$	0.91	32 × 40	1893	.50


2059
Punta Rasa
Sanibel I.
473
SAN CARLOS BAY
175
174
26°
Cape Romano
173
172
168
25°
169
Tortugas
471a
Rebecca Shoal Light
Key West
Sand Key
584
1252
83°
82°

GULF COAST.

GEOGRAPHICAL ARRANGEMENT.

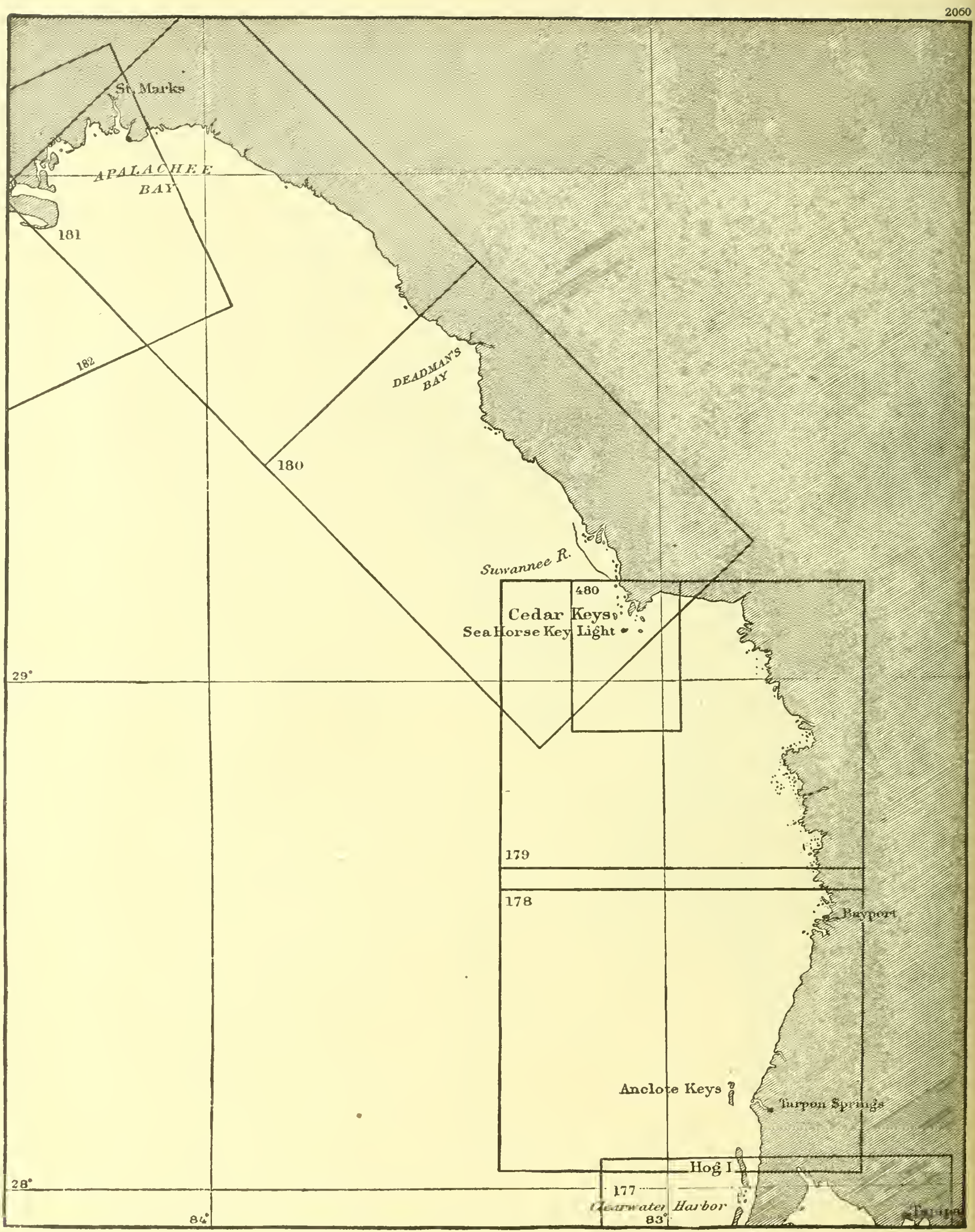
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
1252	**Sand Key Light to Rebecca Shoal**	**Florida**	$\frac{1}{80,000}$	0.91	31 × 41	1913	$0.50
471*a*	**Tortugas Harbor and approaches**	**Florida**	$\frac{1}{40,000}$	1.82	21 × 24	1904	.25
174	**Big Marco Pass to San Carlos Bay**	**Florida**	$\frac{1}{80,000}$	0.91	32 × 40	1897	.50


2088
178
Anclote Keys
Tarpon Springs
Hog I.
28°
177
Clearwater Harbor
Tampa
Indian Rock
TAMPA BAY
477
Manatee
176
Sarasota Bay
Horse & Chaise Pt.
27°
Peace R.
Punta Gorda
CHARLOTTE HBR.
175
474
Boca Grande
Caloosa River
Punta Rasa
Sanibel I.
473
SAN CARLOS B
174
26°
83°
82°

GULF COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

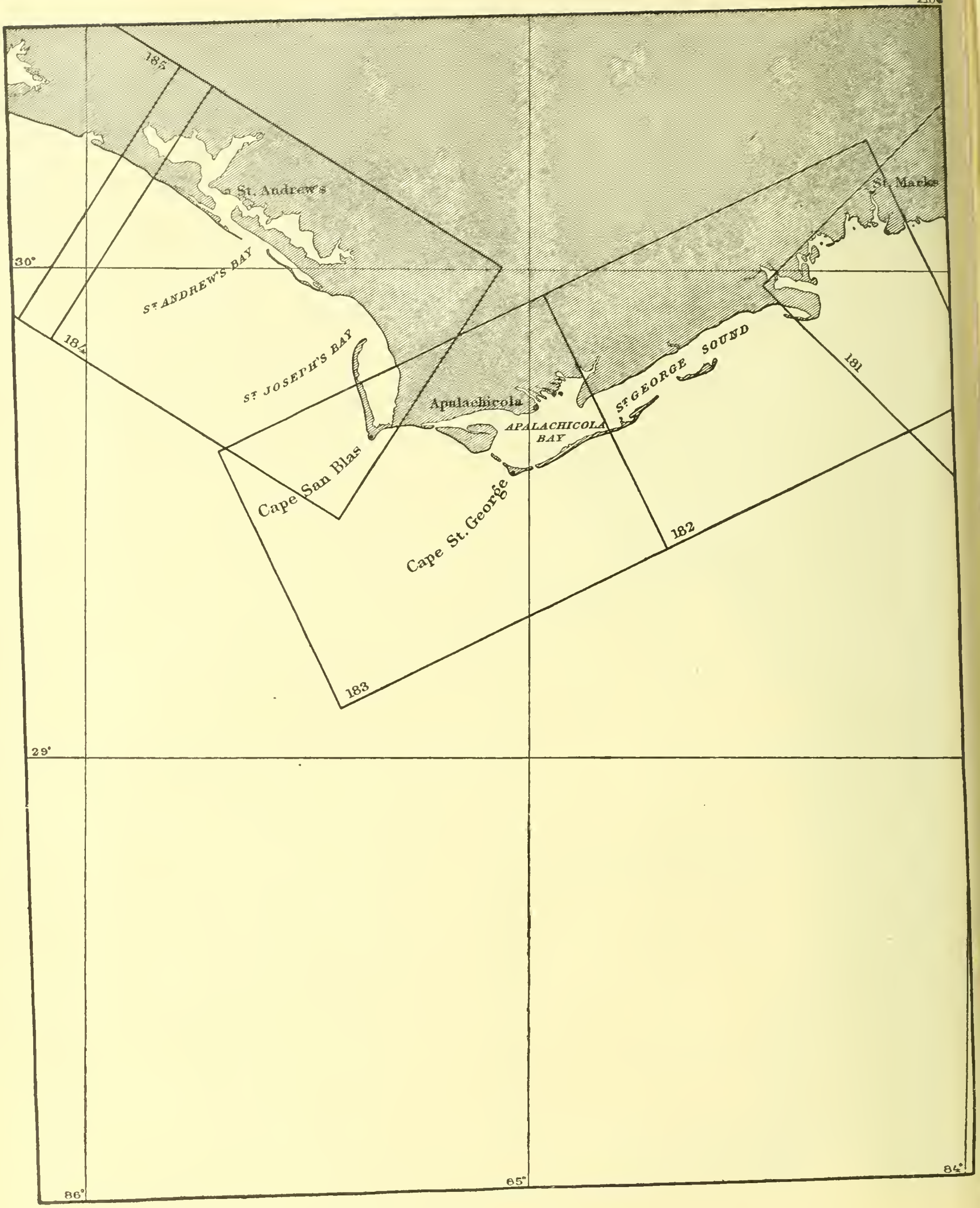
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
175	San Carlos Bay to Lemon Bay, including Charlotte Harbor.	Florida	$\frac{1}{80,000}$	0.91	33 × 40	1895	$0.50
473	San Carlos Bay and Caloosahatchee River	Florida	$\frac{1}{40,000}$	1.82	28 × 35	1909	.25
474	Main entrance to Charlotte Harbor	Florida	$\frac{1}{40,000}$	1.82	22 × 27	1912	.25
176	Lemon Bay to Tampa Bay	Florida	$\frac{1}{80,000}$	0.91	33 × 42	1915	.50
477	Entrance to Tampa Bay	Florida	$\frac{1}{40,000}$	1.82	27 × 38	1917	.25
177	Tampa Bay	Florida	$\frac{1}{80,000}$	0.91	33 × 39	1909	.50


2060
St. Marks
APALACHEE BAY
181
182
DEADMAN'S BAY
180
Suwannee R.
480
Cedar Keys
Sea Horse Key Light
29°
179
178
Bayport
Anclote Keys
Tarpon Springs
Hog I
28°
177
Clearwater Harbor
84°
83°
Tampa

GULF COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

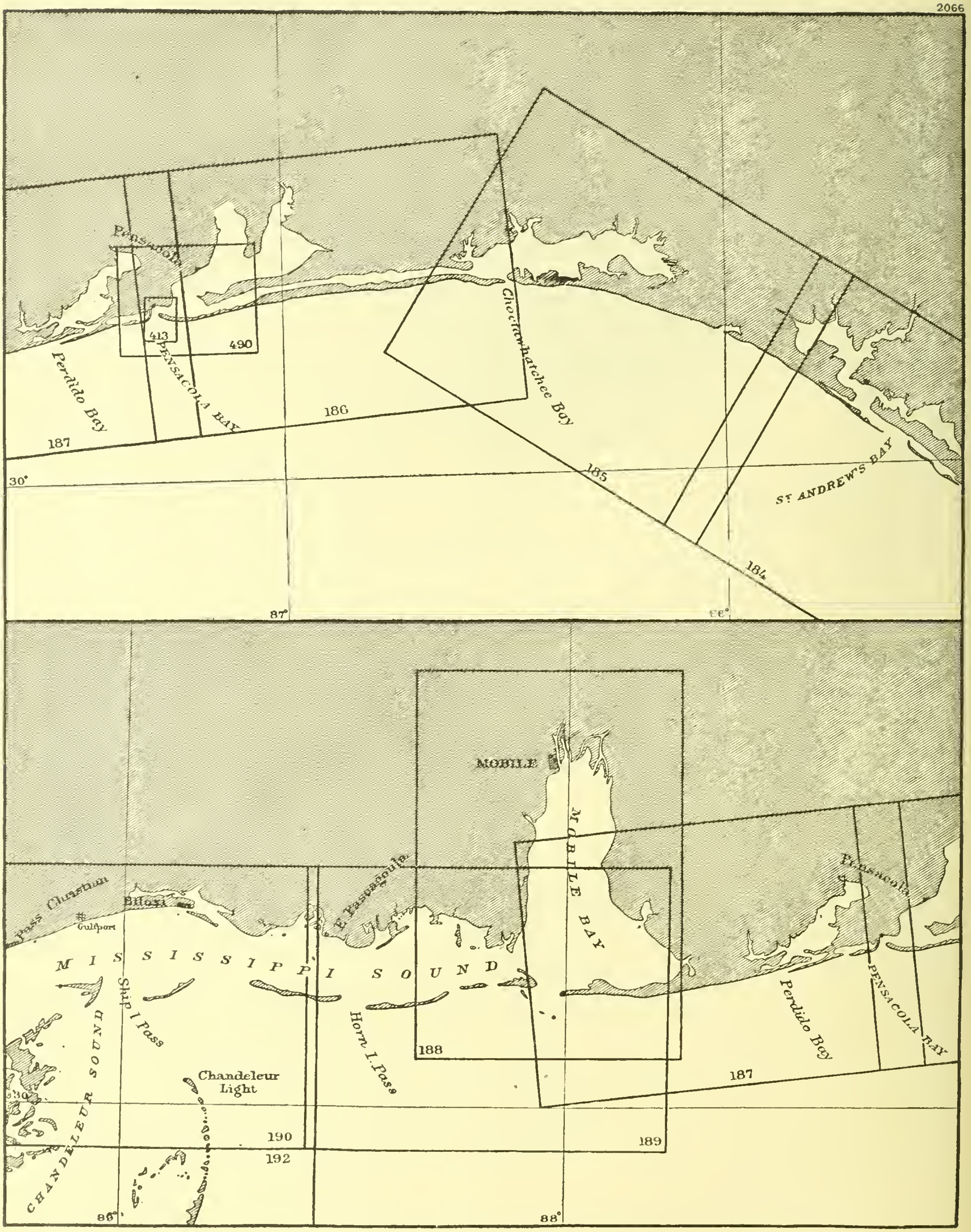
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
178	Hog Island to Wall Creek, including Anclote Anchorage.	Florida	$\frac{1}{80,000}$	0.91	34 × 40	1888	$0.50
179	Wall Creek to Cedar Keys	Florida	$\frac{1}{80,000}$	0.91	33 × 39	1890	.50
480	Cedar Keys	Florida	$\frac{1}{50,000}$	1.46	19 × 26	1887	.20
180	Cedar Keys to Deadmans Bay	Florida	$\frac{1}{80,000}$	0.91	32 × 43	1886	.50
181	Apalachee Bay	Florida	$\frac{1}{80,000}$	0.91	33 × 42	1885	.50


2104
185
184
St. Andrew's
St. ANDREW'S BAY
St. JOSEPH'S BAY
Cape San Blas
Apalachicola
APALACHICOLA BAY
St. GEORGE SOUND
Cape St. George
St. Marks
181
182
183
30°
29°
86°
85°
84°

GULF COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
182	Apalachee Bay and St. George Sound	Florida	$\frac{1}{80,000}$	0.91	32 × 41	1883	$0.50
183	Apalachicola Bay to Cape San Blas	Florida	$\frac{1}{80,000}$	0.91	32 × 41	1904	.50
184	St. Josephs and St. Andrews Bays	Florida	$\frac{1}{80,000}$	0.91	33 × 41	1913	.50

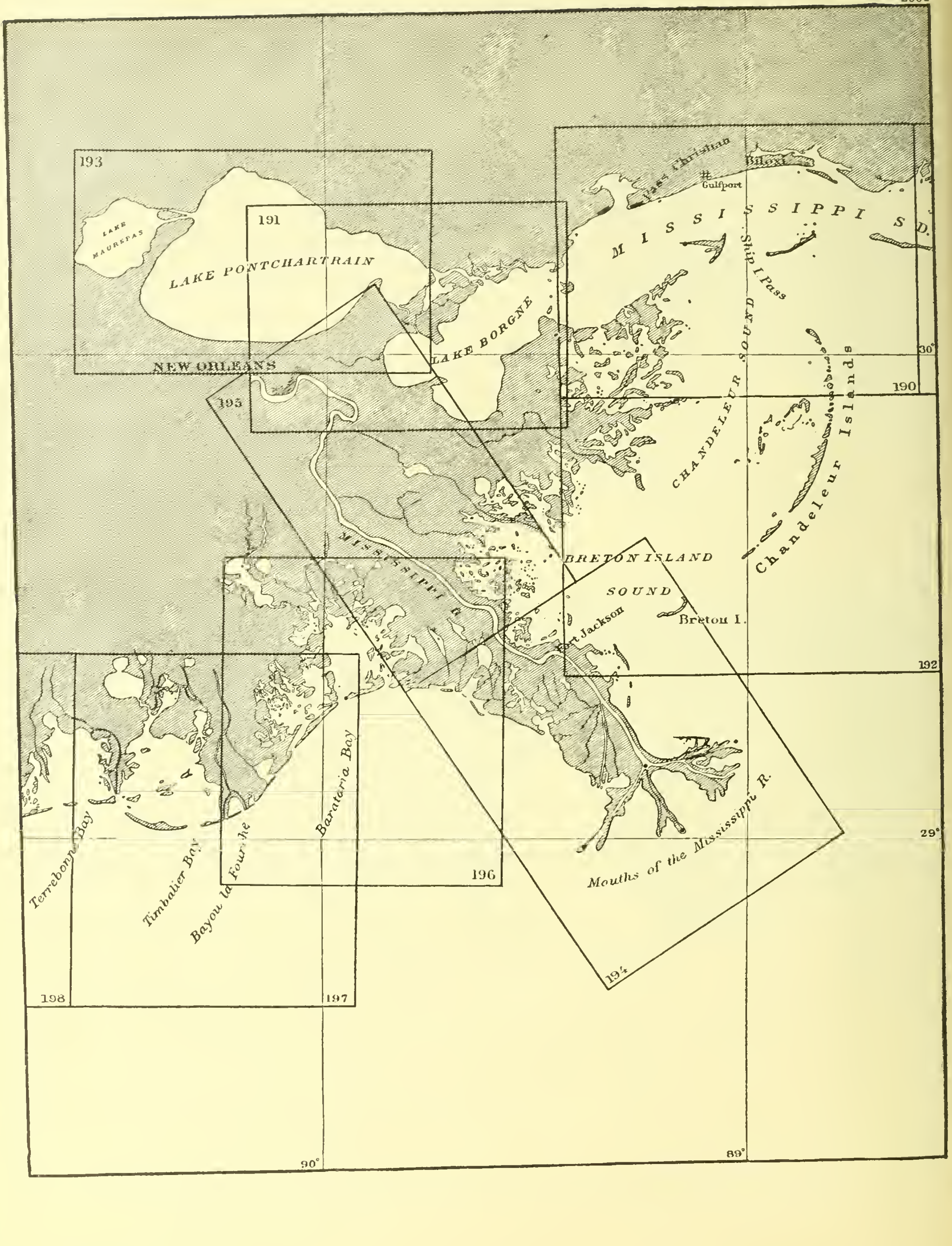

2066
Pensacola
413
490
Perdido Bay
PENSACOLA BAY
187
186
Choctawhatchee Bay
185
184
ST. ANDREW'S BAY
30°
87°
86°
MOBILE
MOBILE BAY
Pass Christian
Biloxi
Gulfport
E. Pascagoula
MISSISSIPPI SOUND
Ship I. Pass
Horn I. Pass
Chandeleur Light
CHANDELEUR SOUND
188
189
190
192
187
Perdido Bay
PENSACOLA BAY
Pensacola
30°
89°
88°

GULF COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
185	Choctawhatchee Bay	Florida	$\frac{1}{80,000}$	0.91	33 × 41	1886	$0.50
186	Choctawhatchee Inlet to Pensacola entrance	Florida	$\frac{1}{80,000}$	0.91	30 × 41	1901	.50
490	Pensacola Bay	Florida	$\frac{1}{30,000}$	2.43	33 × 41	1914	.25
413	Pensacola Bay entrance	Florida	$\frac{1}{10,000}$	7.30	27 × 36	1915	.25
187	Pensacola Bay to Mobile Bay	Fla. and Ala.	$\frac{1}{80,000}$	0.91	30 × 42	1909	.50
188	Mobile Bay and entrance	Alabama	$\frac{1}{80,000}$	0.91	28 × 38	1909	.50
189	Mobile entrance and eastern part of Mississippi Sound.	Ala. and Miss.	$\frac{1}{80,000}$	0.91	32 × 41	1909	.50

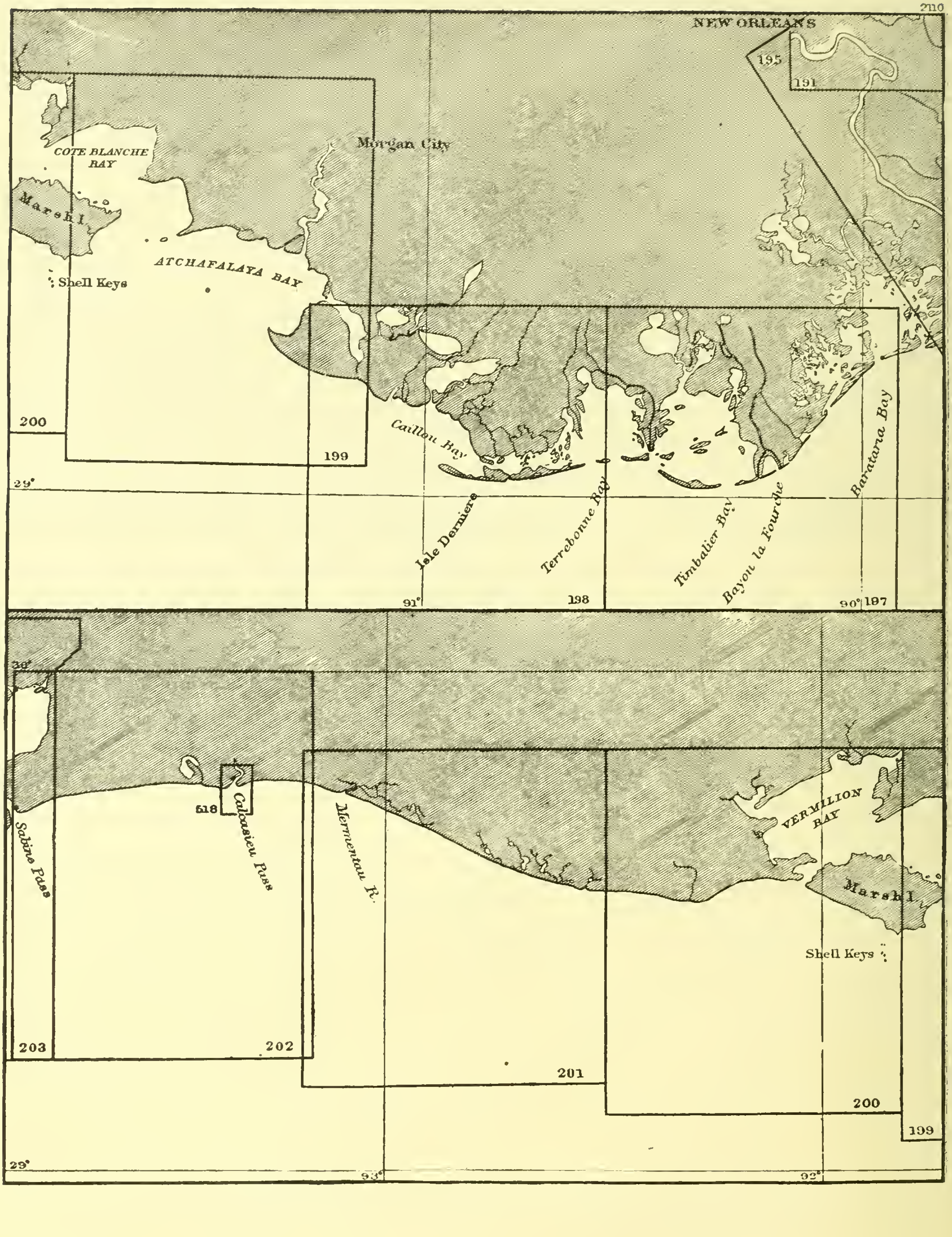
2062


193
LAKE MAUREPAS
LAKE PONTCHARTRAIN
191
NEW ORLEANS
LAKE BORGNE
195
Pass Christian
Biloxi
Gulfport
MISSISSIPPI SD.
Ship I Pass
CHANDELEUR SOUND
Chandeleur Islands
30°
190
MISSISSIPPI R.
BRETON ISLAND SOUND
Breton I.
Fort Jackson
192
196
Terrebonne Bay
Timbalier Bay
Bayou la Fourche
Barataria Bay
Mouths of the Mississippi R.
29°
194
198
197
90°
89°

GULF COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

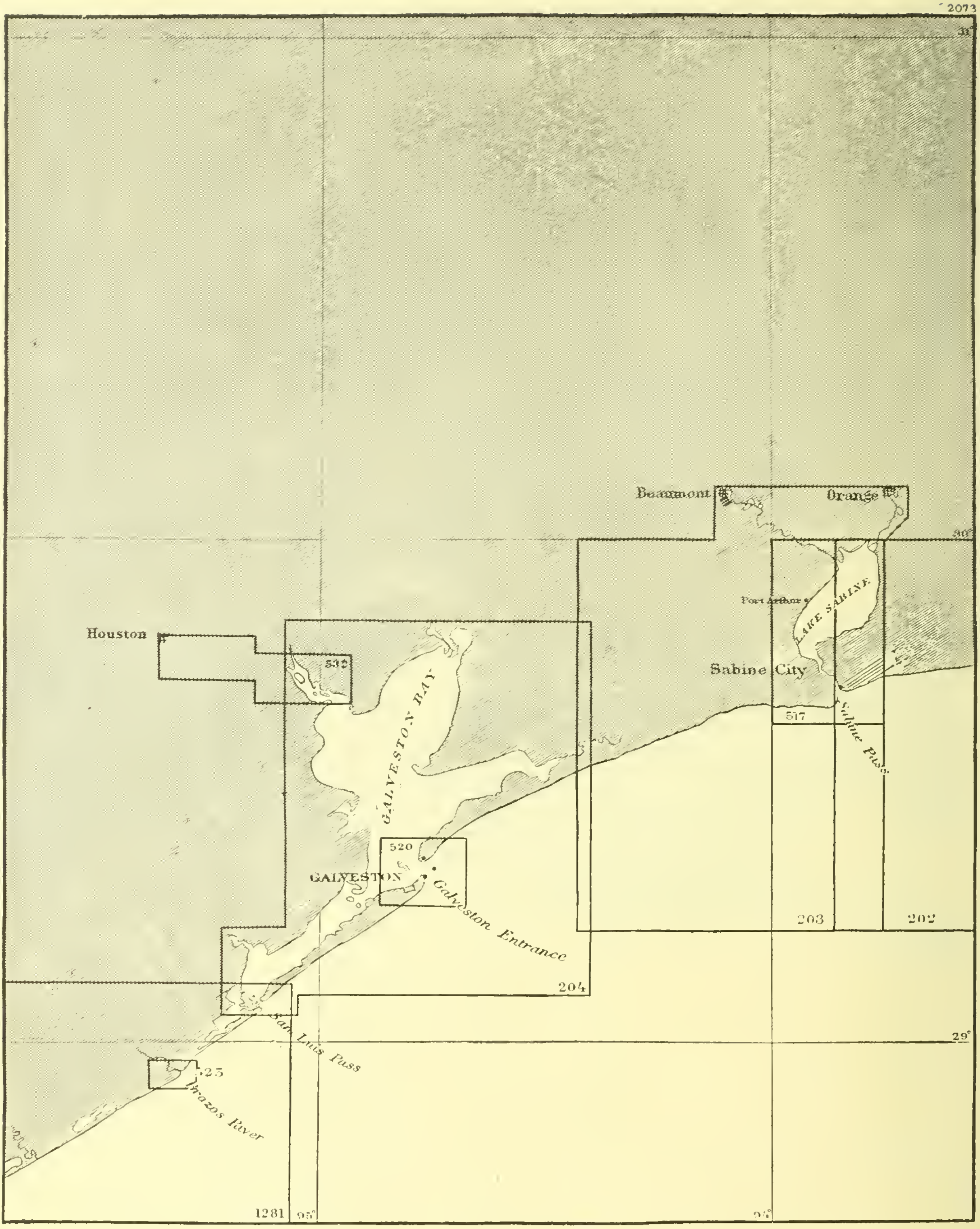
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
190	Round Island to St. Josephs Island	Miss. and La	$\frac{1}{80,000}$	0.91	31 × 41	1908	$0.50
191	Lakes Borgne and Pontchartrain	Louisiana	$\frac{1}{80,000}$	0.91	27 × 36	1913	.50
192	Chandeleur and Breton Island Sounds	Louisiana	$\frac{1}{80,000}$	0.91	32 × 42	1899	.50
193	Lakes Pontchartrain and Maurepas	Louisiana	$\frac{1}{80,000}$	0.91	29 × 41	1906	.50
194	Mississippi River, from the passes to Grand Prairie.	Louisiana	$\frac{1}{80,000}$	0.91	32 × 41	1914	.50
195	Mississippi River, Grand Prairie to New Orleans	Louisiana	$\frac{1}{80,000}$	0.91	24 × 41	1884	.50
196	Barataria Bay and approaches	Louisiana	$\frac{1}{80,000}$	0.91	32 × 38	1908	.50


2110
NEW ORLEANS
195
191
Morgan City
COTE BLANCHE BAY
Marsh I.
ATCHAFALAYA BAY
Shell Keys
200
199
29°
Caillou Bay
Isle Derniere
Terrebonne Bay
Timbalier Bay
Bayou la Fourche
Barataria Bay
91°
198
90°
197
30°
518
Sabine Pass
Calcasieu Pass
Mermentau R.
VERMILION BAY
Marsh I.
Shell Keys
203
202
201
200
199
29°
93°
92°

GULF COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

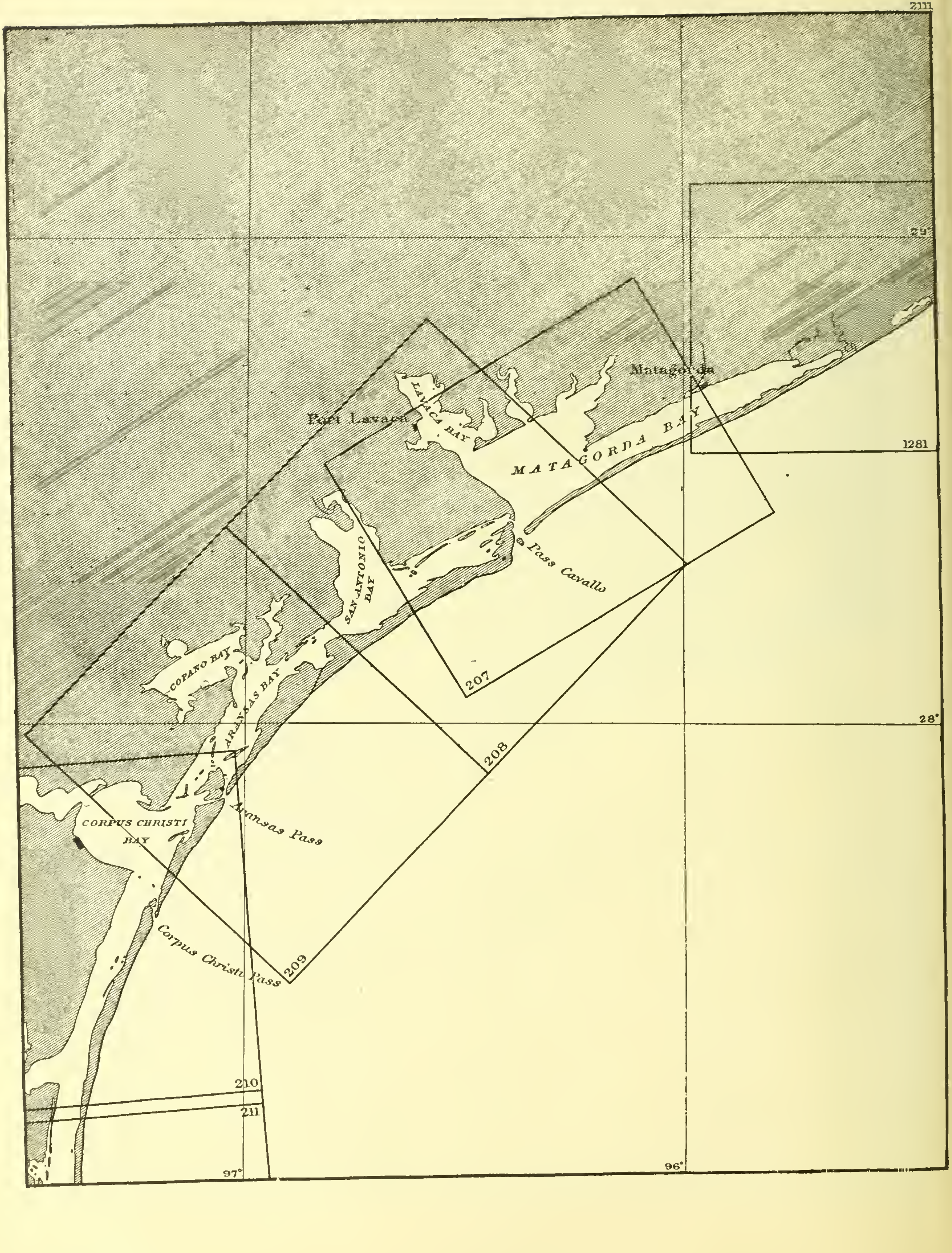
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
197	Barataria Bay to Terrebonne Bay	Louisiana	$\frac{1}{80,000}$	0.91	33 × 41	1908	$0.50
198	Caillou Bay and Ship Shoal	Louisiana	$\frac{1}{80,000}$	0.91	32 × 41	1911	.50
199	Point au Fer to Marsh Island	Louisiana	$\frac{1}{80,000}$	0.91	34 × 43	1911	.50
200	Vermilion Bay to Pecan Island	Louisiana	$\frac{1}{80,000}$	0.91	33 × 41	1897	.50
201	West End of Pecan Island to the Mermentau River.	Louisiana	$\frac{1}{80,000}$	0.91	33 × 38	1894	.50
202	Calcasieu Pass to Sabine Light	Louisiana	$\frac{1}{80,000}$	0.91	33 × 43	1916	.50
518	Calcasieu Pass	Louisiana	$\frac{1}{20,000}$	3.65	14 × 21	1906	.20


2073
31°
Beaumont
Orange
30°
Port Arthur
LAKE SABINE
Sabine City
517
Sabine Pass
203
202
Houston
532
GALVESTON BAY
520
GALVESTON
Galveston Entrance
204
San Luis Pass
29°
525
Brazos River
1281
95°
94°

GULF COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

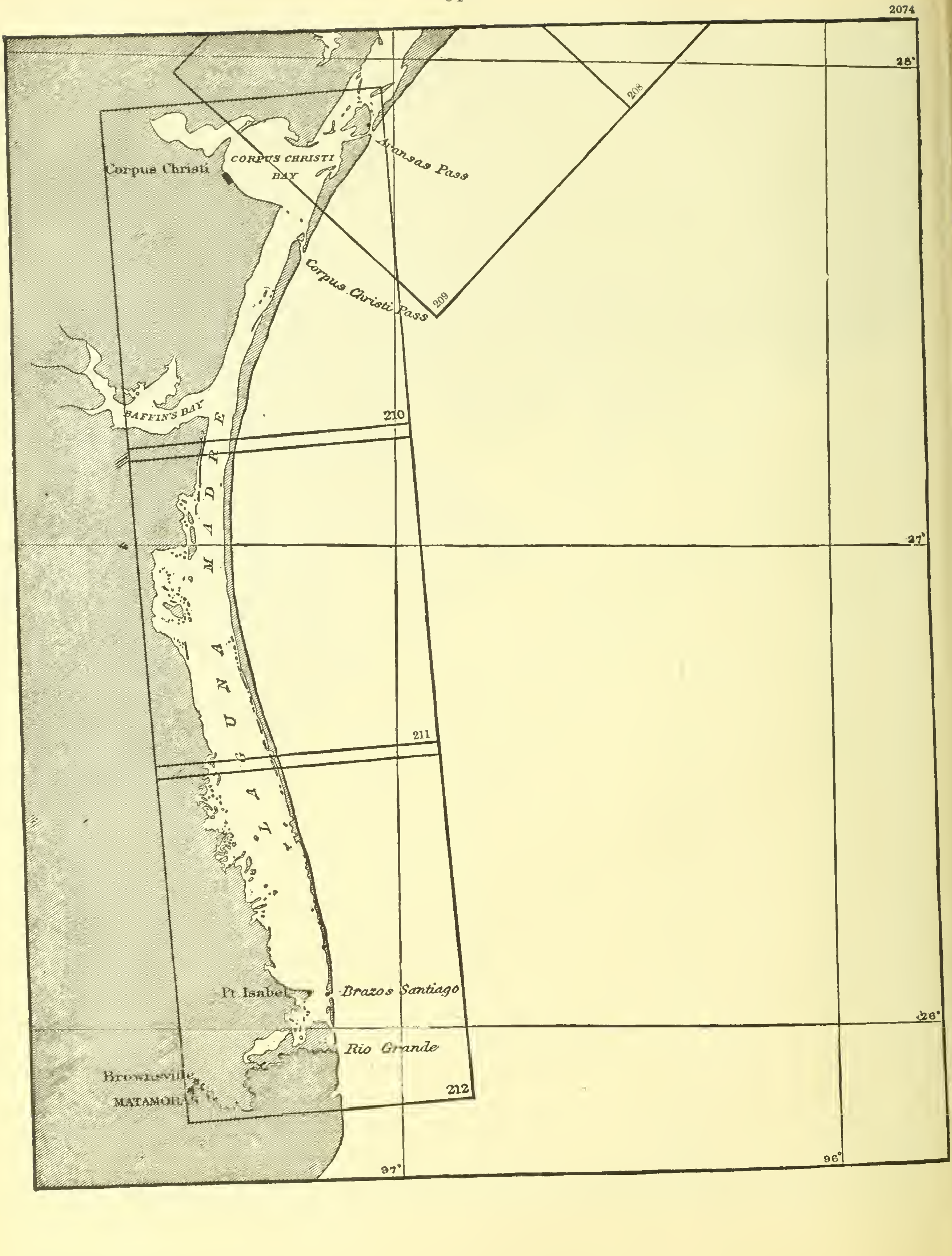
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
203	Sabine Pass to High Island	Texas	$\frac{1}{80,000}$	0.91	32 × 42	1917	$0.50
517	Sabine Pass and Lake	Texas	$\frac{1}{40,000}$	1.82	25 × 41	1916	.50
204	Galveston Bay	Texas	$\frac{1}{80,000}$	0.91	33 × 41	1917	.50
520	Galveston Entrance	Texas	$\frac{1}{40,000}$	1.82	16 × 22	1917	.15
532	Houston Ship Channel	Texas	$\frac{1}{25,000}$	3.04	29 × 34	1915	.50
525	Brazos River entrance	Texas	$\frac{1}{10,000}$	7.30	29 × 39	1915	.50
1281	San Luis Pass to Matagorda Bay	Texas	$\frac{1}{80,000}$	0.91	32 × 46	1917	.50


2111
29°
Matagorda
Port Lavaca
LAVACA BAY
MATAGORDA BAY
1281
Pass Cavallo
SAN ANTONIO BAY
COPANO BAY
ARANSAS BAY
207
28°
208
Aransas Pass
CORPUS CHRISTI BAY
Corpus Christi Pass
209
210
211
97°
96°

GULF COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

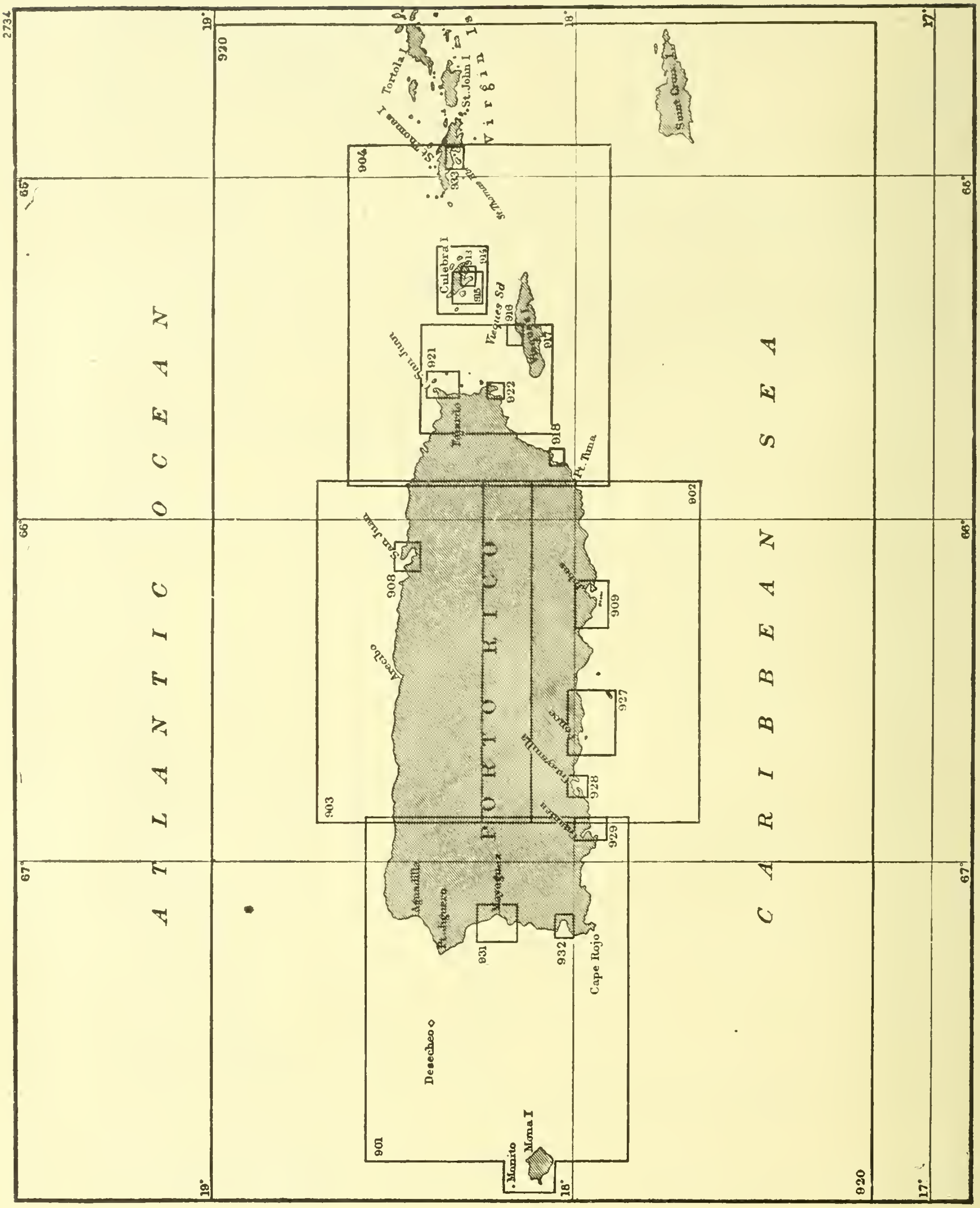
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
207	Matagorda Bay	Texas	$\frac{1}{80,000}$	0.91	32 × 40	1909	$0.50
208	Pass Cavallo, Lavaca, and San Antonio Bays	Texas	$\frac{1}{80,000}$	0.91	33 × 41	1888	.50
209	Aransas Pass, Aransas and Copano Bays	Texas	$\frac{1}{80,000}$	0.91	33 × 41	1900	.50


2074
28°
208
Corpus Christi
CORPUS CHRISTI BAY
Aransas Pass
Corpus Christi Pass
209
BAFFIN'S BAY
210
LAGUNA MADRE
27°
211
Pt. Isabel
Brazos Santiago
26°
Rio Grande
Brownsville
MATAMORAS
212
97°
96°

GULF COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
210	Aransas Pass and Corpus Christi Bay, with the coast to Latitude 27° 12′.	Texas	$\frac{1}{80,000}$	0. 91	33 × 41	1913	$0. 50
211	Padre Island, Latitude 27° 12′ to Latitude 26° 33′.	Texas	$\frac{1}{80,000}$	0. 91	33 × 41	1913	. 50
212	Latitude 26° 33′ to the Rio Grande	Texas	$\frac{1}{80,000}$	0. 91	33 × 41	1916	. 50

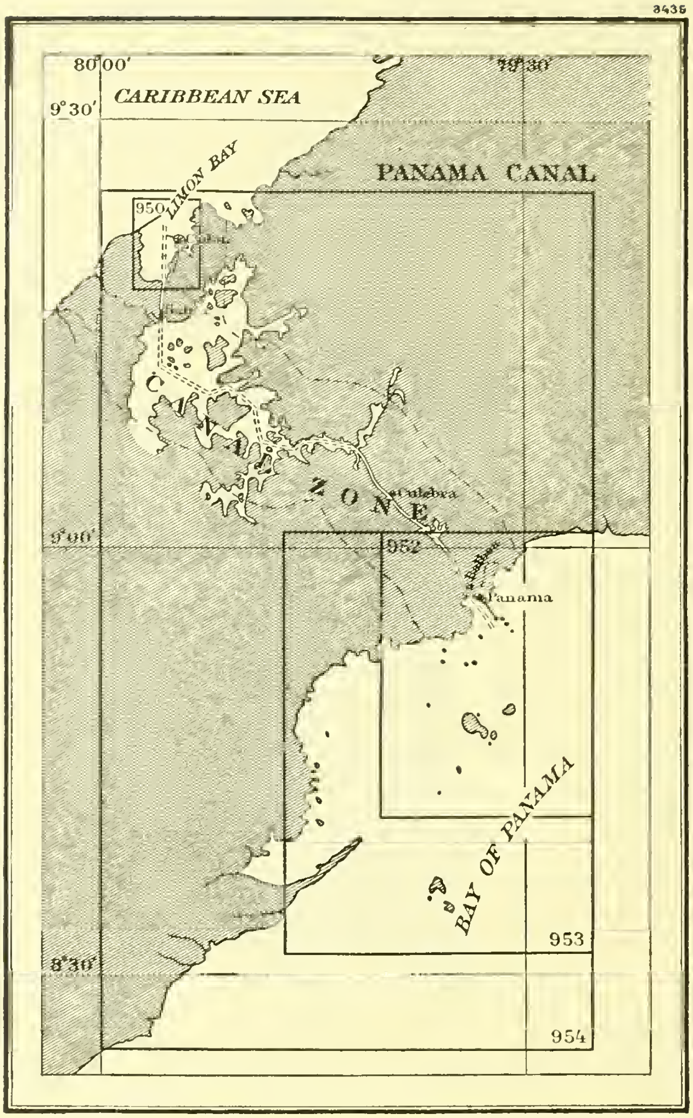

2734
ATLANTIC OCEAN
CARIBBEAN SEA
PORTO RICO
Virgin Is
Tortola I
St. Thomas I
St. John I
St. Thomas Hbr
Santa Cruz I
Culebra I
Vieques Sd
Vieques I
San Juan
Fajardo
Pt. Tuna
Arecibo
Aguadilla
Pt. Jiguero
Mayaguez
Guayanilla
Ponce
Cape Rojo
Desecheo
Mona I
Monito
901
902
903
904
908
909
913
914
915
916
917
918
920
921
922
927
928
929
931
932
933
19°
18°
17°
65°
66°
67°

CHARTS OF THE WEST INDIES.

GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Average.	Inches to degree of mid-latitude.	Size of border (inches).	Date of last edition.	Price.
	GENERAL CHART OF THE COAST.					
920	Porto Rico and Virgin Islands, West Indies	$\frac{1}{325{,}000}$	13.5	26×47	1917	$0.50

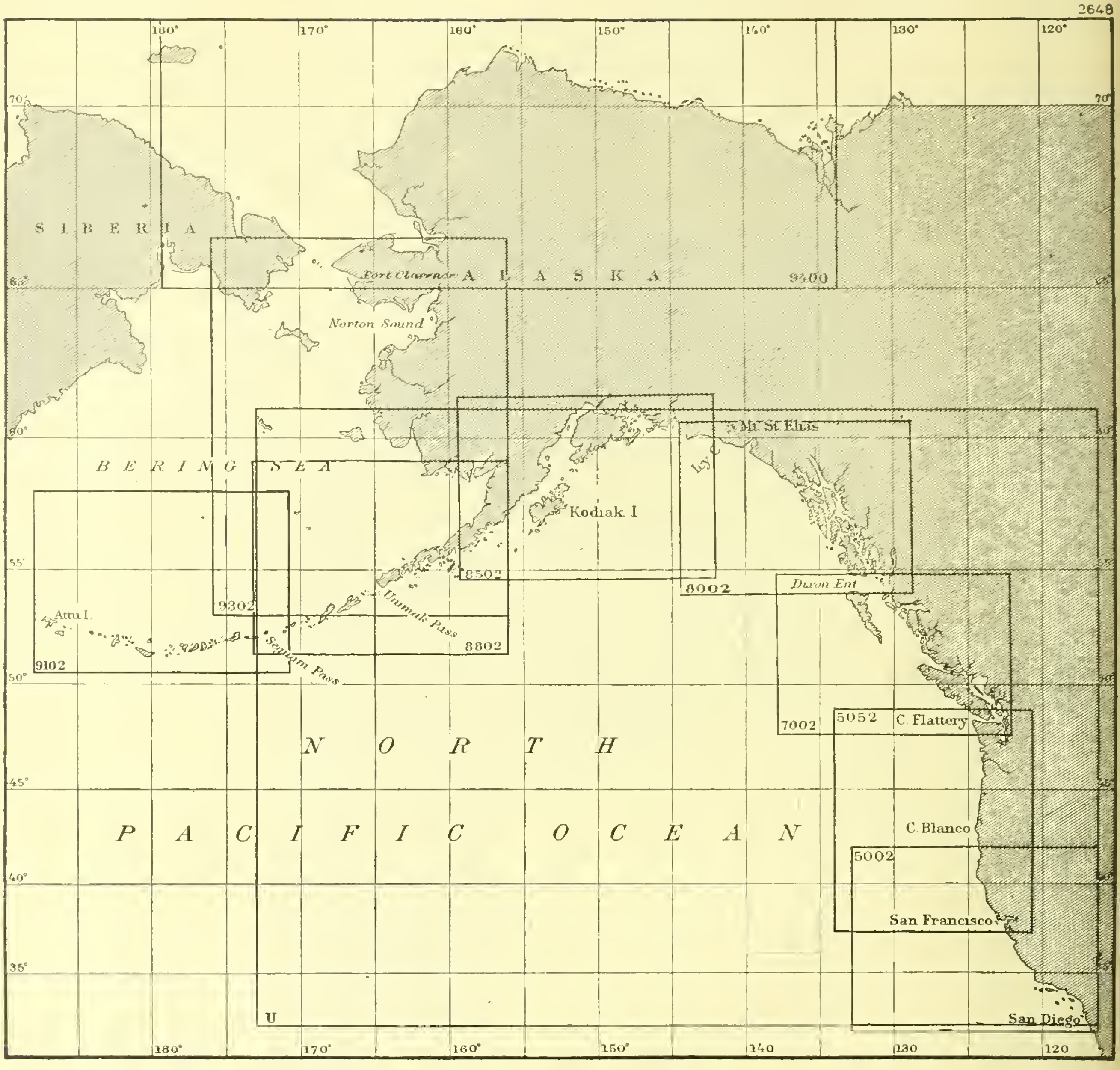
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS.						
901	West Coast of Porto Rico		$\frac{1}{100{,}000}$	0.73	33 × 43	1910	$0.50
902	South Coast of Porto Rico		$\frac{1}{100{,}000}$	0.73	31 × 43	1908	.50
903	North Coast of Porto Rico		$\frac{1}{100{,}000}$	0.73	31 × 42	1909	.50
	Porto Arecibo		$\frac{1}{20{,}000}$				
904	Virgin Passage and Vieques Sound		$\frac{1}{100{,}000}$	0.73	32 × 42	1917	.50
908	San Juan Harbor	Porto Rico	$\frac{1}{10{,}000}$	7.30	33 × 39	1915	.50
921	Fajardo Harbor and approaches	Porto Rico	$\frac{1}{10{,}000}$	7.30	32 × 41	1902	.50
922	Ensenada Honda	Porto Rico	$\frac{1}{10{,}000}$	7.30	24 × 25	1903	.25
916	Port Mulas and approaches	Vieques	$\frac{1}{10{,}000}$	7.30	23 × 26	1903	.25
917	San Juan Passage to Port Humaca and western part of Vieques Island.		$\frac{1}{40{,}000}$	1.82	33 × 41	1911	.50
914	Culebra Island and approaches		$\frac{1}{20{,}000}$	3.65	32 × 43	1914	.50
913	Great Harbor	Culebra	$\frac{1}{6{,}500}$	11.23	31 × 38	1914	.50
918	Port Yabucoa	Porto Rico	$\frac{1}{10{,}000}$	7.30	19 × 20	1910	.25
909	Jobos Harbor	Porto Rico	$\frac{1}{20{,}000}$	3.65	29 × 33	1909	.25
927	Ponce Harbor and approaches	Porto Rico	$\frac{1}{20{,}000}$	3.65	32 × 39	1908	.50
928	Guayanilla Harbor	Porto Rico	$\frac{1}{10{,}000}$	7.30	33 × 36	1903	.50
929	Guanica Harbor	Porto Rico	$\frac{1}{10{,}000}$	7.30	30 × 36	1903	.50
932	Boqueron Bay	Porto Rico	$\frac{1}{10{,}000}$	7.30	23 × 24	1905	.25
931	Mayaguez Bay and approaches	Porto Rico	$\frac{1}{15{,}000}$	4.86	31 × 35	1911	.50
915	Target Bay and vicinity	Culebra	$\frac{1}{10{,}000}$	7.30	25 × 37	1914	.25
933	Harbor of St. Thomas	W. I.	$\frac{1}{10{,}000}$	7.30	19 × 28	1917	.30


3435
80°00′
79°30′
CARIBBEAN SEA
9°30′
LIMON BAY
PANAMA CANAL
950
C A N A L
Z O N E
Culebra
9°00′
952
Panama
BAY OF PANAMA
953
8°30′
954

PANAMA—CANAL ZONE.

GEOGRAPHICAL ARRANGEMENT.

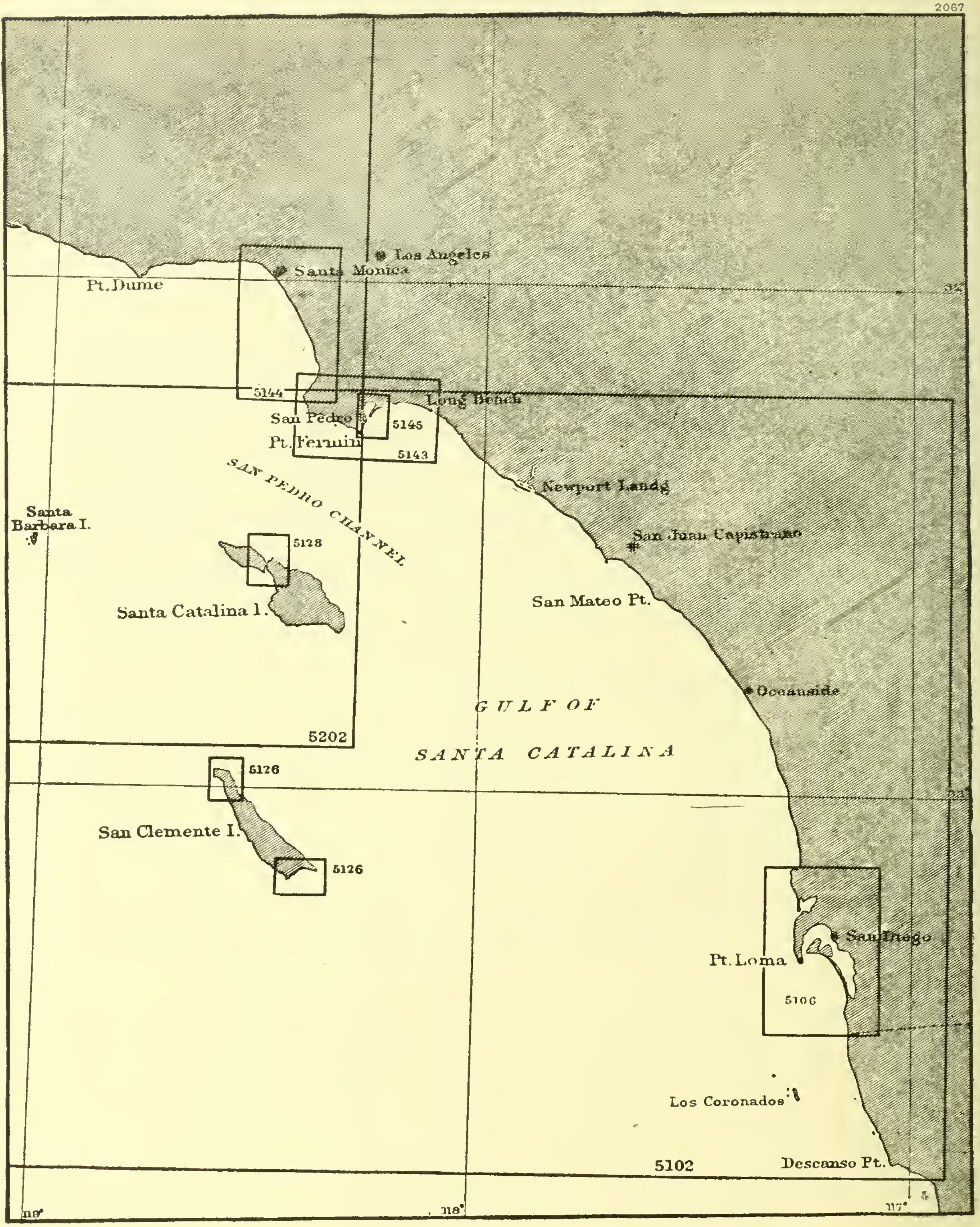
Catalogue number.	TITLE.	Scale.		Size of border (inches).	Date of last edition.	Price.
		Average.	Inches to nautical miles.			
	COAST AND HARBOR CHARTS.					
950	Colon Harbor, Panama	$\frac{1}{15,000}$	4.86	28 × 35	1915	$0.50
952	Approaches to Panama Canal, Pacific Coast	$\frac{1}{40,000}$	1.82	28 × 37	1915	.50
953	Approaches to Panama Canal, Pacific Coast	$\frac{1}{80,000}$	0.91	21 × 29	1915	.30
954	Panama Canal and approaches	$\frac{1}{145,925}$	0.50	18 × 31	1914	.30


2648
180°
170°
160°
150°
140°
130°
120°
70°
65°
60°
55°
50°
45°
40°
35°
SIBERIA
ALASKA
Port Clarence
Norton Sound
9400
BERING SEA
9302
9102
Attu I.
Seguam Pass
Unimak Pass
8802
8502
Kodiak I
Mt St Elias
Icy C
8002
Dixon Ent
7002
5052
C. Flattery
NORTH
PACIFIC OCEAN
C. Blanco
5002
San Francisco
U
San Diego

CHARTS OF THE PACIFIC COAST.

GEOGRAPHICAL ARRANGEMENT.

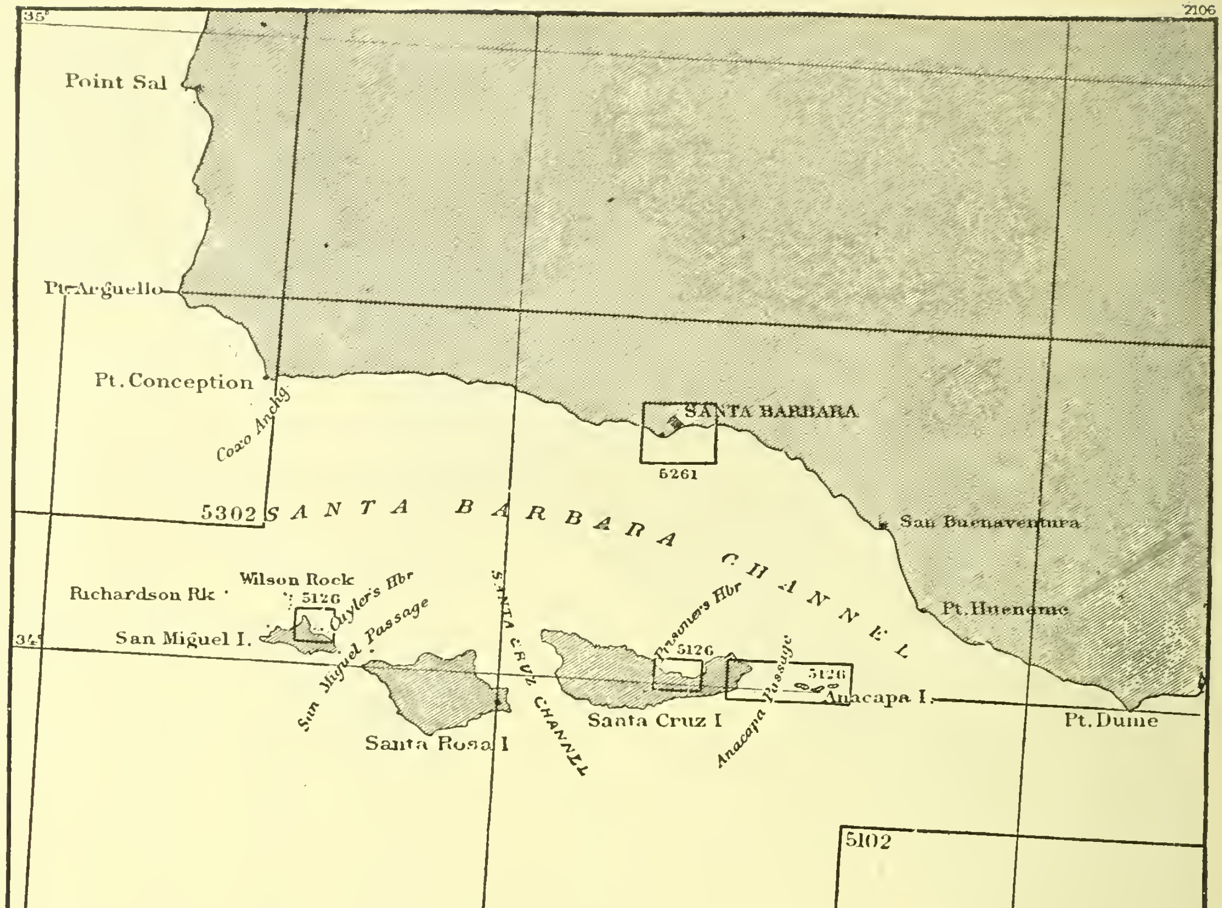
Catalogue number.	TITLE.	SCALE.		Size of border (inches).	Date of last edition.	Price.
		Average.	Inches to degree of mid-latitude.			
	SAILING CHARTS.					
U.	San Diego to Bering Sea	$\frac{1}{4,500,000}$	0.0162	29 × 38	1916	$0.50
5002	San Diego to Point St. George	$\frac{1}{1,499,000}$	3.0	32 × 41	1914	.50
5052	San Francisco to Cape Flattery	$\frac{1}{1,301,000}$	3.3	33 × 38	1916	.50
7002	Cape Flattery to Dixon Entrance	$\frac{1}{1,198,000}$	3.8	29 × 40	1911	.50
8002	Dixon Entrance to Cape St. Elias	$\frac{1}{1,000,000}$	4.5	31 × 40	1914	.50
8502	Cape St. Elias to Shumagin Islands	$\frac{1}{1,000,000}$	4.5	34 × 42	1914	.50
8802	Alaska Peninsula and Aleutian Islands to Seguam Pass	$\frac{1}{999,000}$	4.2	34 × 42	1917	.50
9102	Aleutian Islands, Amukta Island to Attu Island	$\frac{1}{999,000}$	4.2	33 × 43	1916	.50
9302	Bering Sea, eastern part	$\frac{1}{1,600,000}$	2.9	30 × 38	1916	.50
	Port Clarence, Scale $\frac{1}{230,000}$					
9400	Arctic Coast of Alaska	$\frac{1}{1,600,000}$	2.7	26 × 44	1914	.40


2067
Los Angeles
Santa Monica
Pt. Dume
5144
Long Beach
San Pedro
5145
Pt. Fermin
5143
SAN PEDRO CHANNEL
Newport Landg
Santa Barbara I.
5128
San Juan Capistrano
Santa Catalina I.
San Mateo Pt.
Oceanside
GULF OF SANTA CATALINA
5202
5126
San Clemente I.
5126
San Diego
Pt. Loma
5106
Los Coronados
5102
Descanso Pt.
119°
118°
117°
34°
33°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

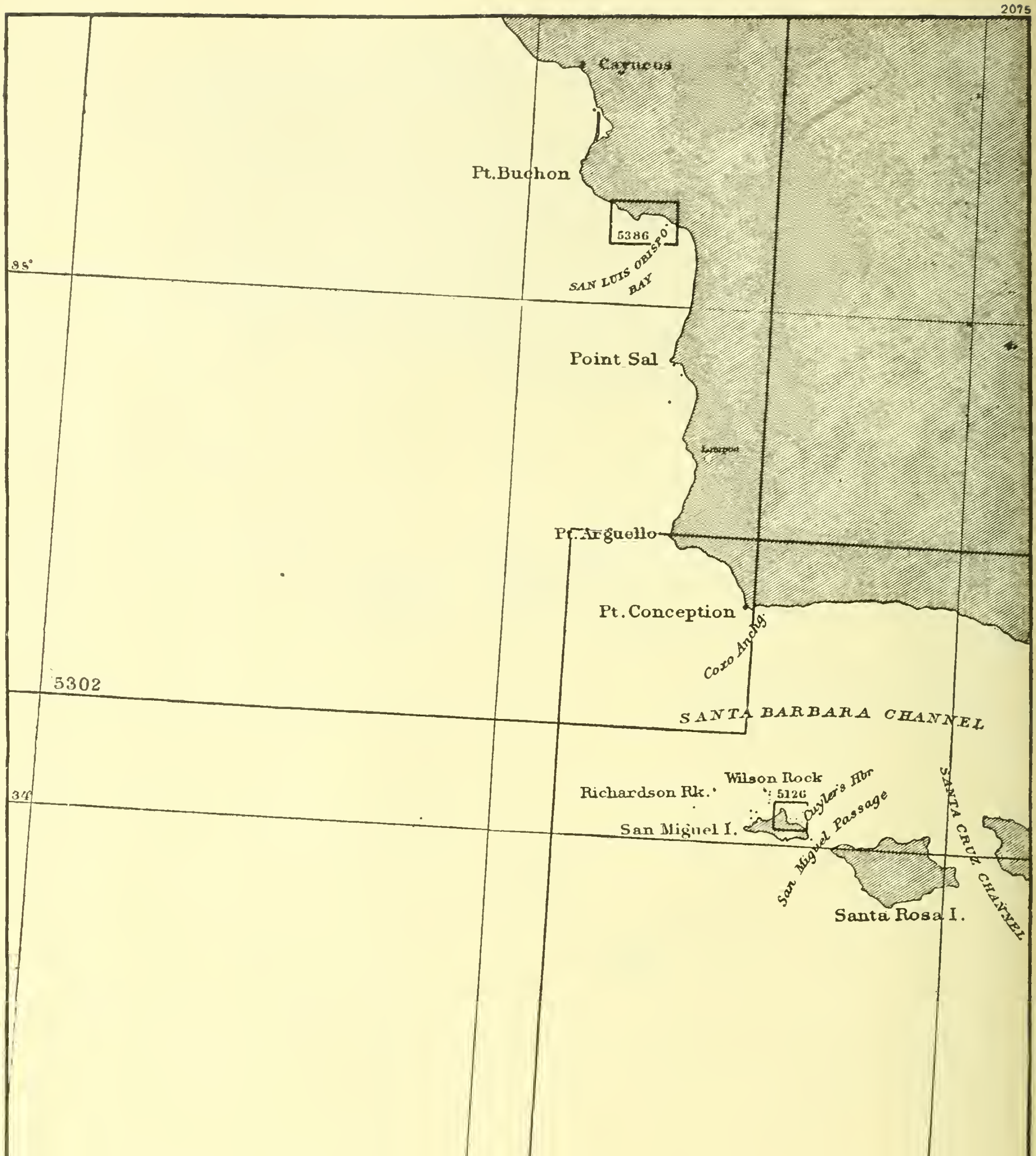
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS.						
5102	San Diego to Point Fermin	California	$\frac{1}{200,000}$	0.36	31 × 41	1916	$0.50
5106	San Diego Bay	California	$\frac{1}{40,000}$	1.82	24 × 36	1917	.25
	Entrance		$\frac{1}{20,000}$	3.65			
5126	Harbor Charts, Santa Barbara Islands	California			28 × 31	1896	.25
	SE. Anchorage, San Clemente Island		$\frac{1}{30,000}$	2.43			
	NW. Harbor, San Clemente Island		$\frac{1}{20,000}$	3.65			
	Anacapa Island and eastern part of Santa Cruz Island.		$\frac{1}{30,000}$	2.43			
	Prisoners Harbor, Santa Cruz Island		$\frac{1}{20,000}$	3.65			
	Cuylers Harbor, San Miguel Island		$\frac{1}{20,000}$	3.65			
5128	Catalina Harbor and Isthmus Cove	California	$\frac{1}{10,000}$	7.30	25 × 29	1891	.20
5143	Los Angeles Harbor and vicinity	California	$\frac{1}{40,000}$	1.82	24 × 31	1914	.25
5144	Santa Monica Bay	California	$\frac{1}{40,000}$	1.82	22 × 34	1911	.25
5145	Los Angeles Harbor	California	$\frac{1}{10,000}$	7.30	27 × 37	1916	.25


35°
2106
Point Sal
Pt. Arguello
Pt. Conception
Cojo Anchg.
SANTA BARBARA
5261
5302
SANTA BARBARA CHANNEL
San Buenaventura
Pt. Hueneme
Wilson Rock
Richardson Rk
5126
Cuyler's Hbr
San Miguel I.
34°
San Miguel Passage
SANTA CRUZ CHANNEL
Santa Rosa I
Prisoner's Hbr
5126
Santa Cruz I
5126
Anacapa Passage
Anacapa I.
Pt. Dume
5102
Santa Barbara I.
Begg's Rock
San Nicholas I.
5202
33°
120°
119°

PACIFIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

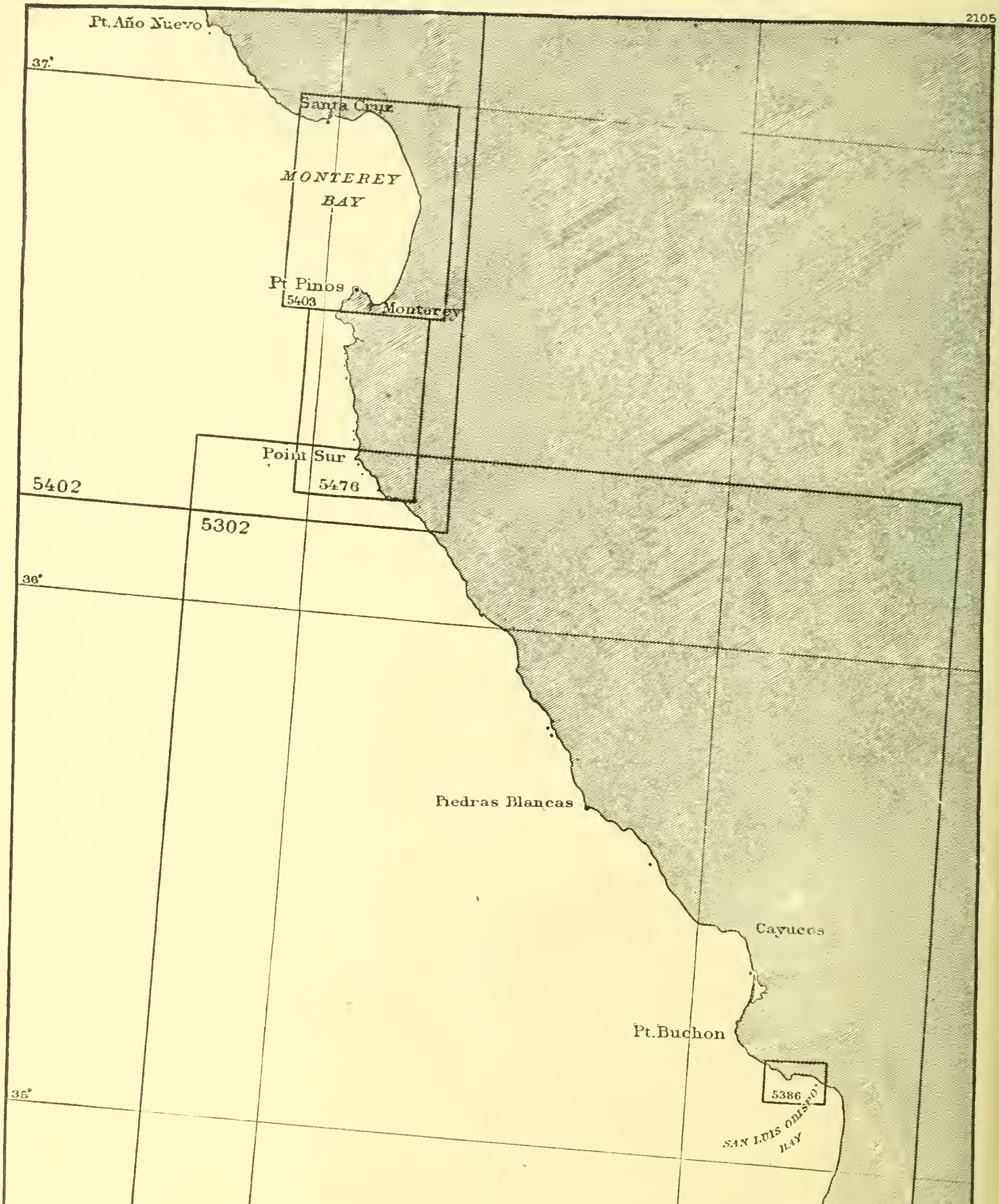
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	General Charts of the Coast and Harbor Charts—Continued.						
5261	Santa Barbara	California	$\frac{1}{20,000}$	3.65	20 × 27	1898	$0.25
5202	Point Firmin to Point Conception	California	$\frac{1}{200,000}$	.36	31 × 44	1915	.50


2075
Cayucos
Pt. Buchon
5386
SAN LUIS OBISPO BAY
35°
Point Sal
Lompoc
Pt. Arguello
Pt. Conception
Coxo Anchg.
5302
SANTA BARBARA CHANNEL
Wilson Rock
Richardson Rk.
5126
Cuyler's Hbr
San Miguel I.
San Miguel Passage
34°
SANTA CRUZ CHANNEL
Santa Rosa I.
121°
5202
120°

PACIFIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

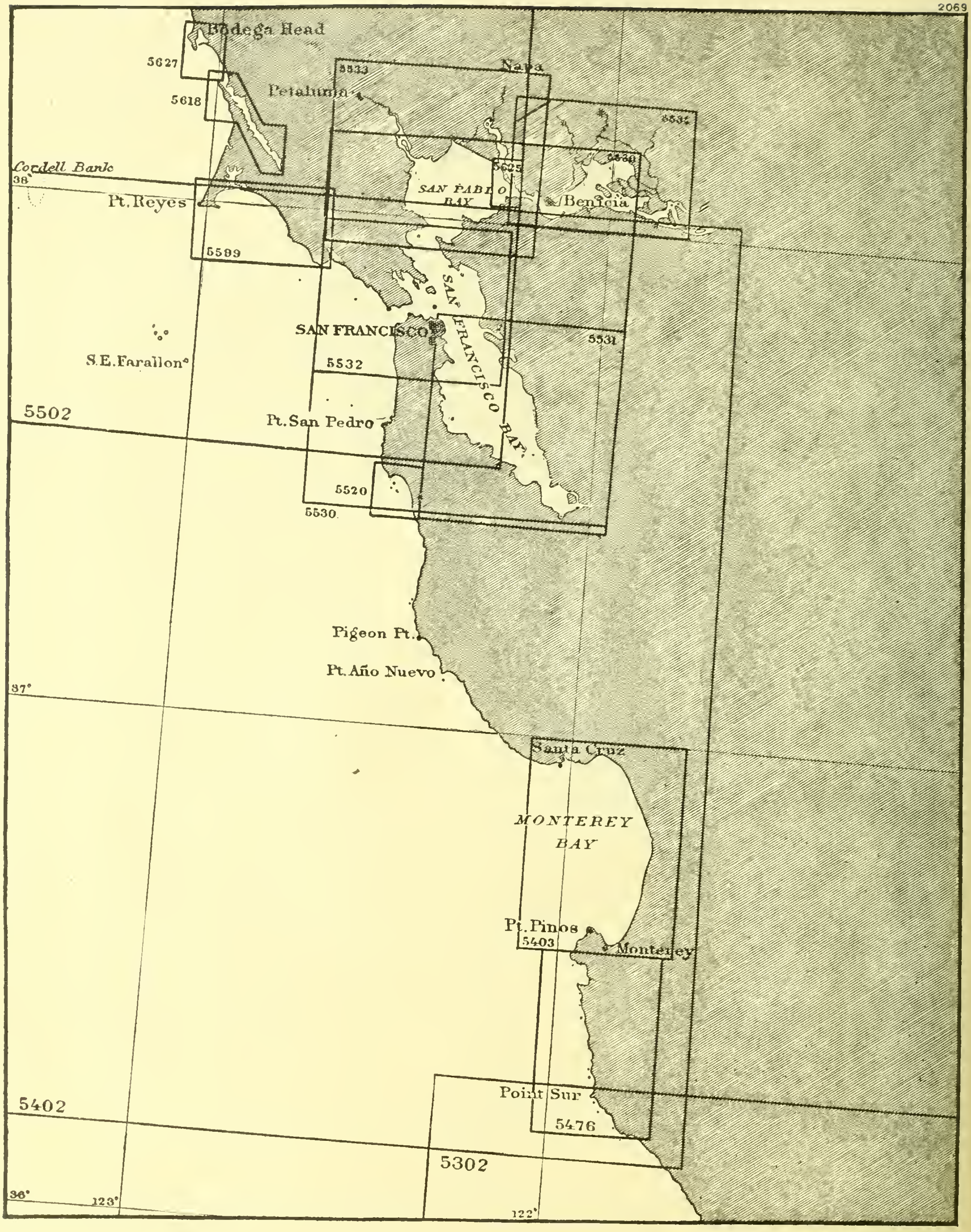
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	General Charts of the Coast and Harbor Charts—Continued.						
5386	San Luis Obispo Bay and approaches	California	$\frac{1}{20,000}$	3.65	17 × 26	1912	$0.20


2105
Pt. Año Nuevo
37°
Santa Cruz
MONTEREY BAY
Pt Pinos
5403
Monterey
Point Sur
5476
5402
5302
36°
Piedras Blancas
Cayucos
Pt. Buchon
5386
SAN LUIS OBISPO BAY
35°
Point Sal
122°
121°

PACIFIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

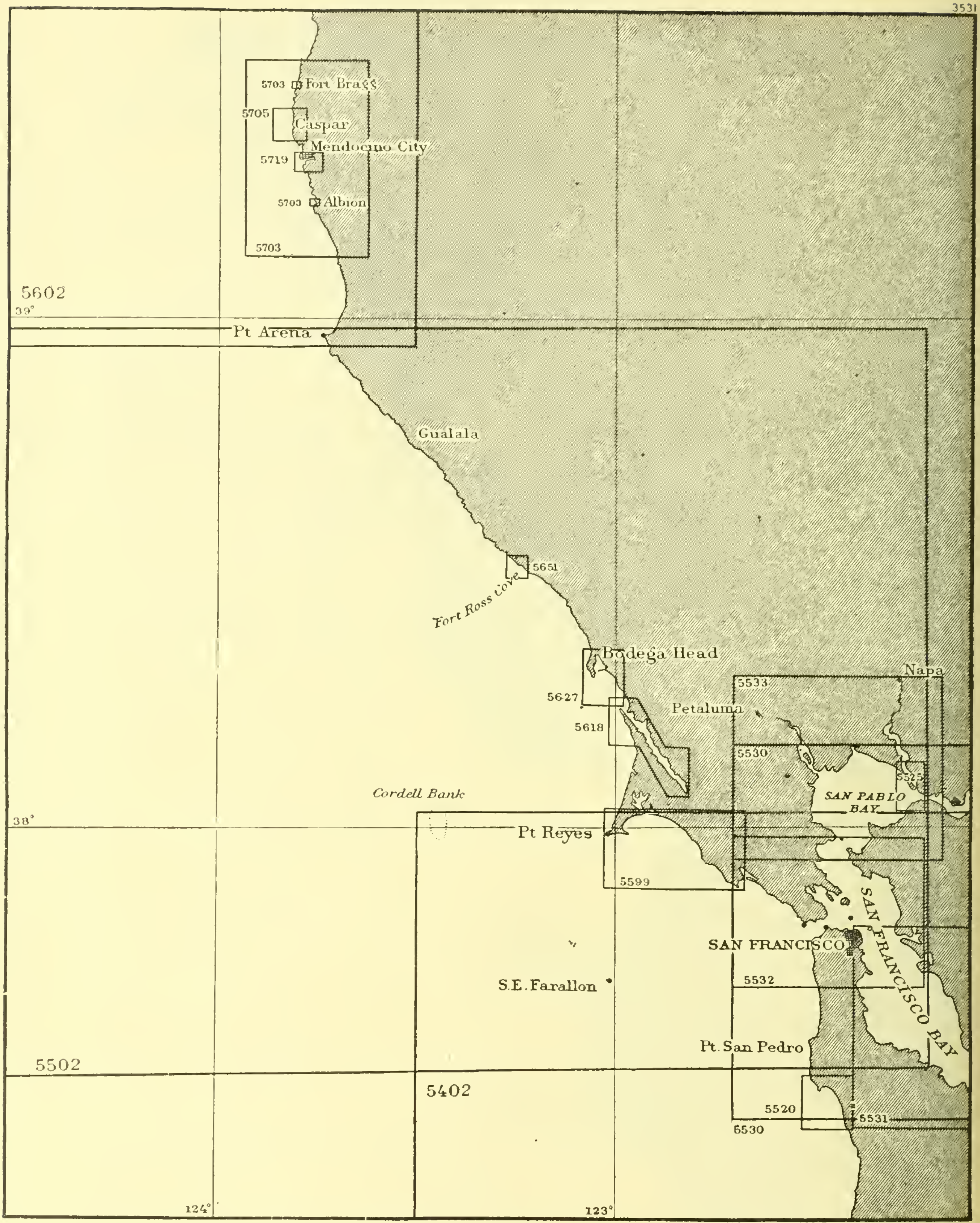
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	General Charts of the Coast and Harbor Charts—Continued.						
5302	Point Conception to Point Sur	California	$\frac{1}{216,000}$	0.34	31 × 44	1914	$0.50
5476	Pfeiffer Point to Cypress Point	California	$\frac{1}{40,000}$	1.82	26 × 42	1910	.50
5403	Monterey Bay	California	$\frac{1}{50,000}$	1.46	29 × 38	1911	.50


2069
Bodega Head
5627
5618
Petaluma
5533
Napa
5534
5530
5625
SAN PABLO BAY
Benicia
Cordell Bank
38°
Pt. Reyes
5599
SAN FRANCISCO
SAN FRANCISCO BAY
5531
5532
S.E. Farallon
5502
Pt. San Pedro
5520
5530
Pigeon Pt.
Pt. Año Nuevo
37°
Santa Cruz
MONTEREY BAY
Pt. Pinos
5403
Monterey
Point Sur
5476
5402
5302
36°
123°
122°

PACIFIC COAST—CONTINUED.

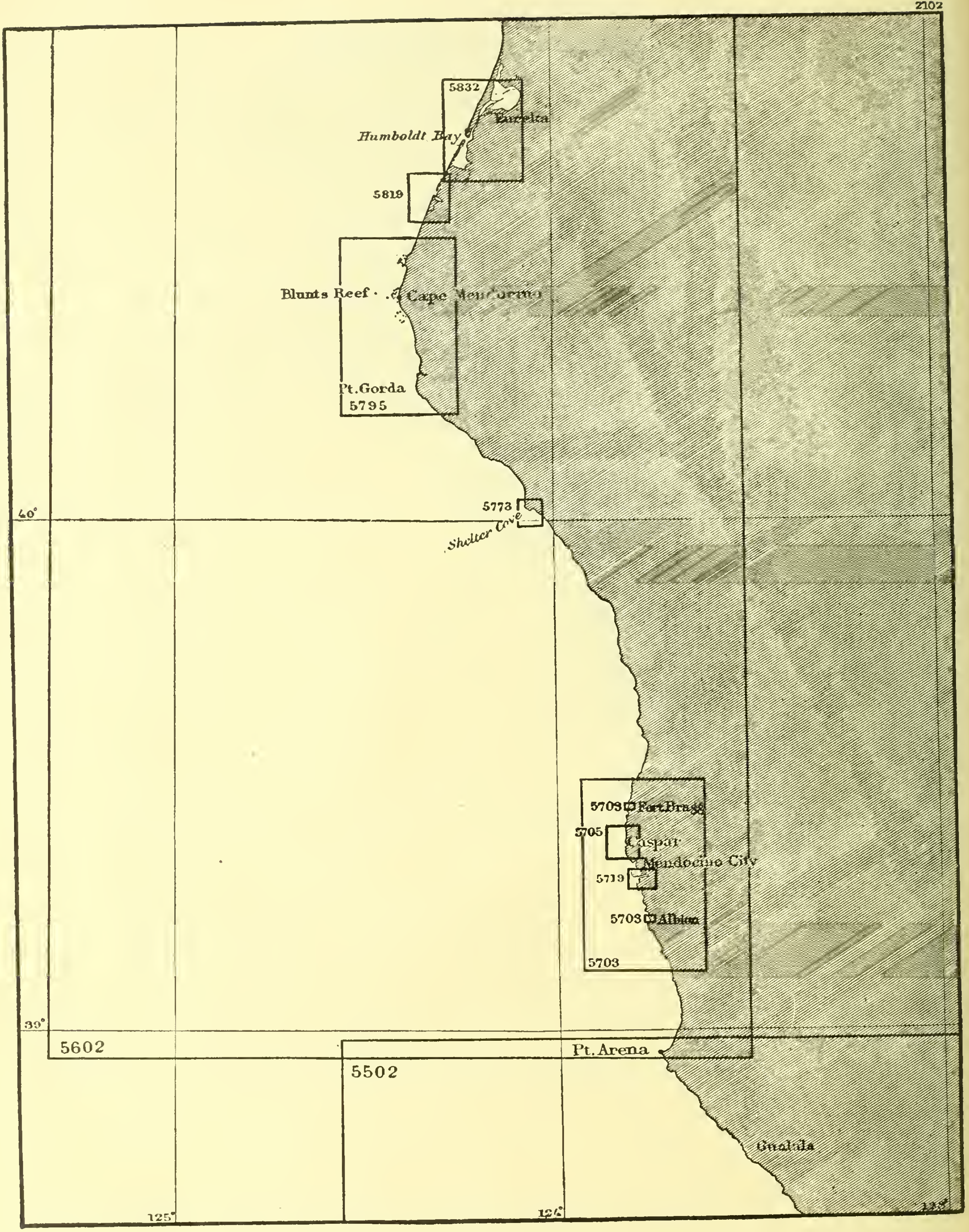
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	Scale.		Size of border (inches.)	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	General Charts of the Coast and Harbor Charts—Continued.						
5520	Half Moon Bay	California	$\frac{1}{20,000}$	3.65	18 × 20	1879	$0.15
5530	San Francisco Bay	California	$\frac{1}{80,000}$	0.91	34 × 41	1910	.50
5531	San Francisco Bay, southern part	California	$\frac{1}{50,000}$	1.46	33 × 36	1911	.50
5532	San Francisco Entrance	California	$\frac{1}{40,000}$	1.82	34 × 42	1915	.50
5533	San Pablo Bay	California	$\frac{1}{40,000}$	1.82	33 × 41	1915	.50
5534	Suisun Bay	California	$\frac{1}{40,000}$	1.82	29 × 41	1914	.50
5525	Mare Island Strait	California	$\frac{1}{10,000}$	7.30	23 × 35	1916	.20
5599	Drakes Bay	California	$\frac{1}{40,000}$	1.82	19 × 30	1883	.20
5402	Point Sur to San Francisco	California	$\frac{1}{200,000}$	0.36	32 × 40	1915	.50


3531
5703 Fort Bragg
5705
Caspar
Mendocino City
5719
5703 Albion
5703
5602
39°
Pt Arena
Gualala
5651
Fort Ross Cove
Bodega Head
5627
5618
Petaluma
Napa
5533
5530
5525
SAN PABLO BAY
Cordell Bank
38°
Pt Reyes
5599
SAN FRANCISCO
SAN FRANCISCO BAY
5532
S.E. Farallon
Pt. San Pedro
5502
5402
5520
5531
5530
124°
123°

GEOGRAPHICAL ARRANGEMENT.

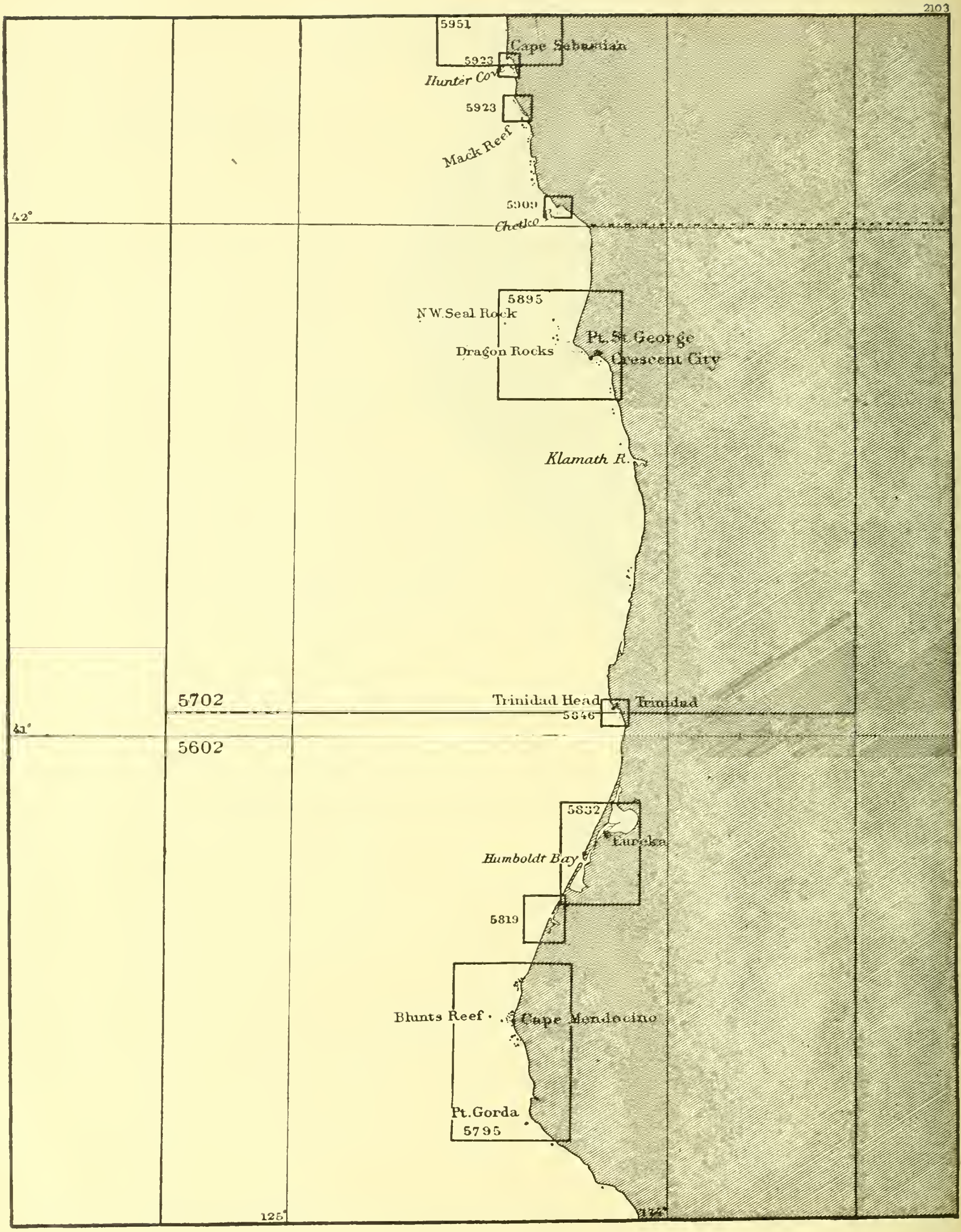
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	General Charts of the Coast and Harbor Charts—Continued.						
5502	San Francisco to Point Arena	California	$\frac{1}{200,000}$	0.36	32 × 40	1912	$0.50
5618	Tomales Bay	California	$\frac{1}{30,000}$	2.43	15 × 24	1878	.25
5627	Bodega Bay	California	$\frac{1}{30,000}$	2.43	13 × 17	1864	.20
5651	Fort Ross Cove	California	$\frac{1}{6,000}$	12.16	10 × 15	1905	.20


2102
5832
Eureka
Humboldt Bay
5819
Blunts Reef
Cape Mendocino
Pt.Gorda
5795
5773
Shelter Cove
40°
5708 Fort Bragg
5705
Caspar
Mendocino City
5719
5703 Albion
5703
39°
5602
Pt. Arena
5502
Gualala
125°
124°
123°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

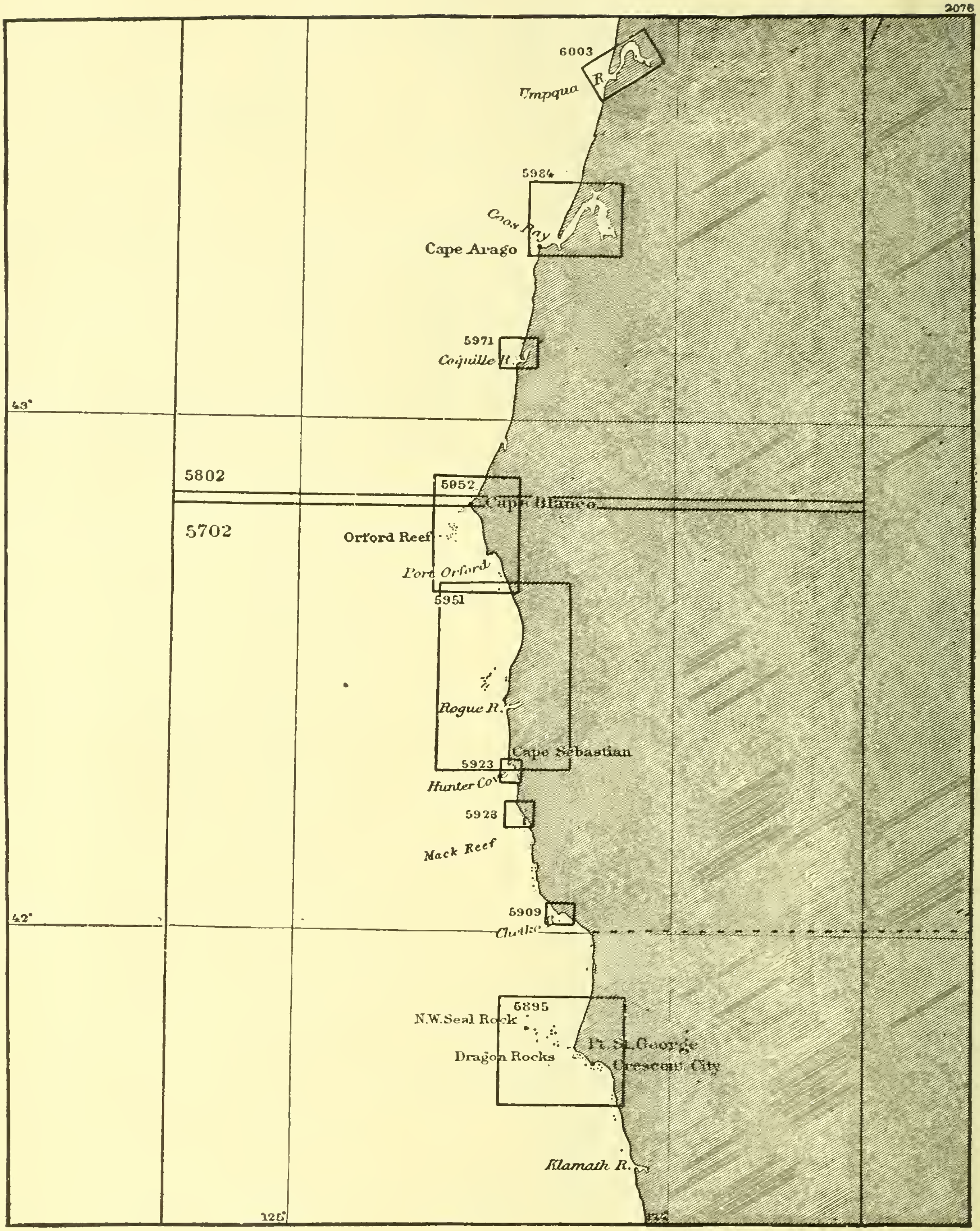
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to statute mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5602	Point Arena to Trinidad Head	California	$\frac{1}{200,000}$	0.36	32 × 46	1915	$0.50
5719	Mendocino Bay	California	$\frac{1}{10,000}$	7.30	15 × 19	1912	.20
5703	Greenwood to Fort Bragg	California	$\frac{1}{40,000}$	1.82	27 × 43	1911	.50
	Fort Bragg Landing	----------	$\frac{1}{10,000}$	7.30	----------	------	----------
	Approaches to Albion	----------	$\frac{1}{10,000}$	7.30	----------	------	----------
5705	Caspar Anchorage and approaches	California	$\frac{1}{10,000}$	7.30	30 × 31	1912	.50
5773	Shelter Cove	California	$\frac{1}{15,000}$	4.86	12 × 14	1913	.20
5795	Cape Mendocino and vicinity	California	$\frac{1}{40,000}$	1.82	25 × 38	1896	.40


2103
5951
Cape Sebastian
5923
Hunter Cove
5923
Mack Reef
5909
Chetko R.
42°
5895
N.W. Seal Rock
Pt. St. George
Dragon Rocks
Crescent City
Klamath R.
5702
Trinidad Head
Trinidad
5846
41°
5602
5832
Eureka
Humboldt Bay
5819
Blunts Reef
Cape Mendocino
Pt. Gorda
5795
125°
124°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

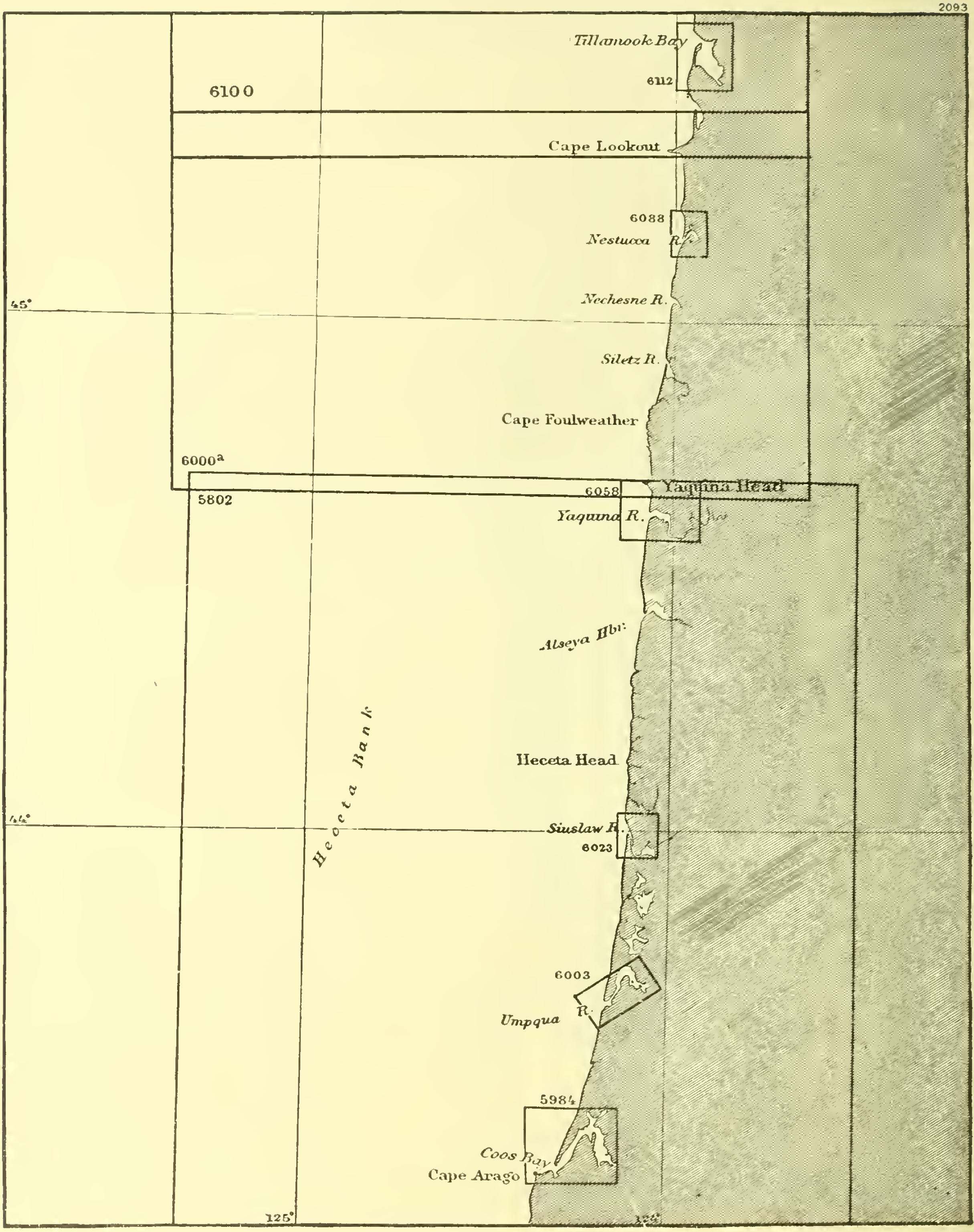
Catalogue number.	TITLE.	State.	Scale. Average.	Scale. Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5819	Entrance to Eel River	California	$\frac{1}{20,000}$	3.65	18 × 21	1899	$0.25
5832	Humboldt Bay	California	$\frac{1}{30,000}$	2.43	25 × 30	1916	.50
5846	Trinidad Harbor	California	$\frac{1}{15,000}$	5.48	14 × 18	1874	.20
5895	St. George Reef and Crescent City	California	$\frac{1}{40,000}$	1.82	21 × 25	1917	.20
5702	Trinidad Head to Cape Blanco	California	$\frac{1}{200,000}$	.36	31 × 41	1915	.50


2078
6003
Umpqua R.
5984
Coos Bay
Cape Arago
5971
Coquille R.
43°
5802
5952
C. Cape Blanco
5702
Orford Reef
Port Orford
5951
Rogue R.
Cape Sebastian
5923
Hunter Cove
5928
Mack Reef
5909
42°
Chetko R.
5895
N.W. Seal Rock
Dragon Rocks
Pt. St. George
Crescent City
Klamath R.
125°
124°

PACIFIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

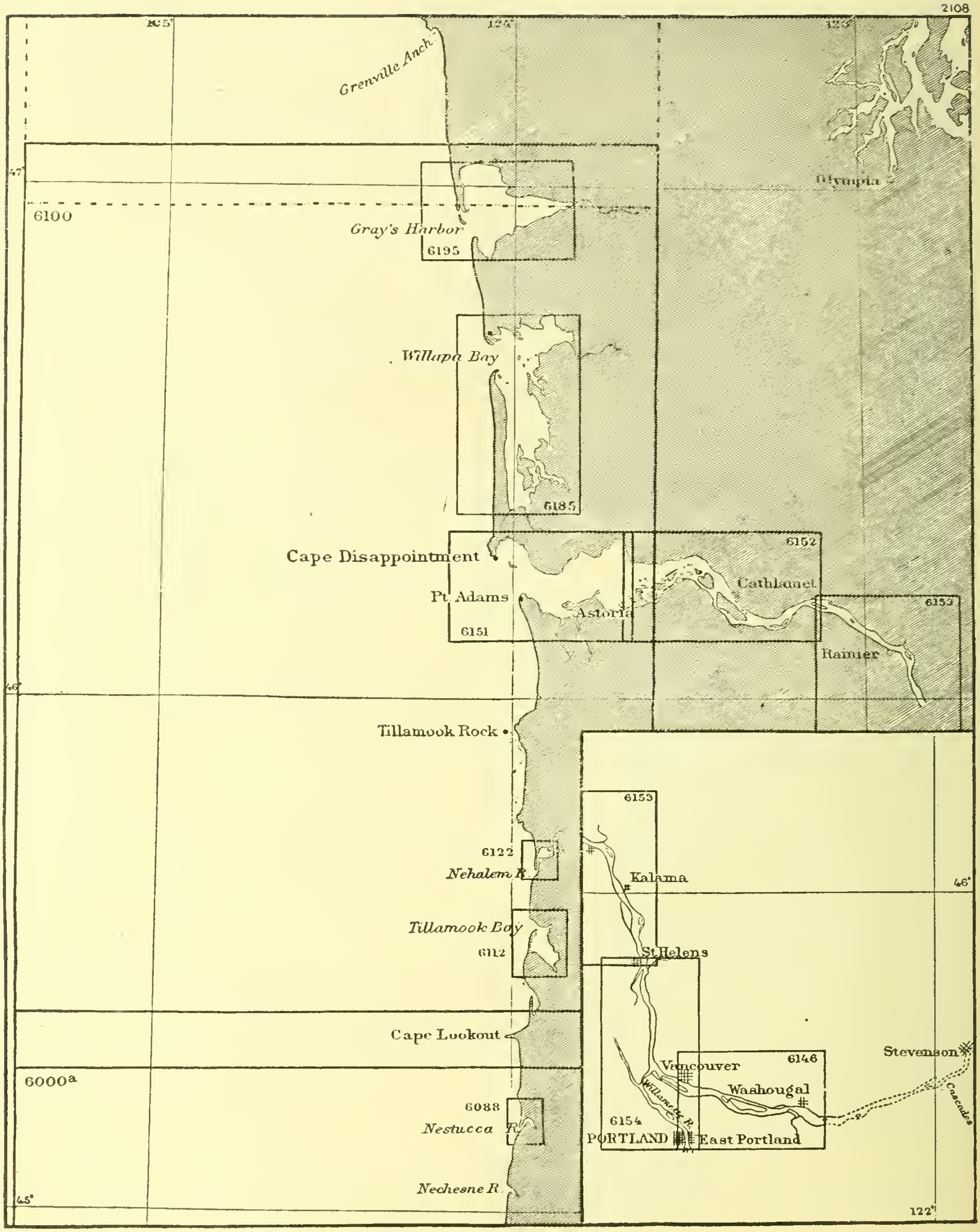
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	General Charts of the Coast and Harbor Charts—Continued.						
5802	Cape Blanco to Umpqua River	Oregon	$\frac{1}{200,000}$	0.36	32 × 43	1917	$0.50
5909	Chetko Cove	Oregon	$\frac{1}{10,000}$	7.30	17 × 20	1912	.20
5923	Hunter Cove and Mack Reef	Oregon	$\frac{1}{10,000}$	7.30	24 × 26	1893	.25
5951	Cape Sebastian and Humbug Mountain	Oregon	$\frac{1}{40,000}$	1.82	28 × 40	1893	.25
5952	Cape Blanco and Reef	Oregon	$\frac{1}{40,000}$	1.82	21 × 26	1891	.20
5971	Coquille River entrance	Oregon	$\frac{1}{10,000}$	7.30	19 × 33	1916	.25
5984	Coos Bay	Oregon	$\frac{1}{20,000}$	3.65	30 × 38	1917	.25


2093
Tillamook Bay
6112
6100
Cape Lookout
6088
Nestucca R.
45°
Nechesne R.
Siletz R.
Cape Foulweather
6000a
6058
Yaquina Head
5802
Yaquina R.
Alseya Hbr.
Heceta Bank
Heceta Head
44°
Siuslaw R.
6023
6003
Umpqua R.
5984
Coos Bay
Cape Arago
125°
124°

PACIFIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

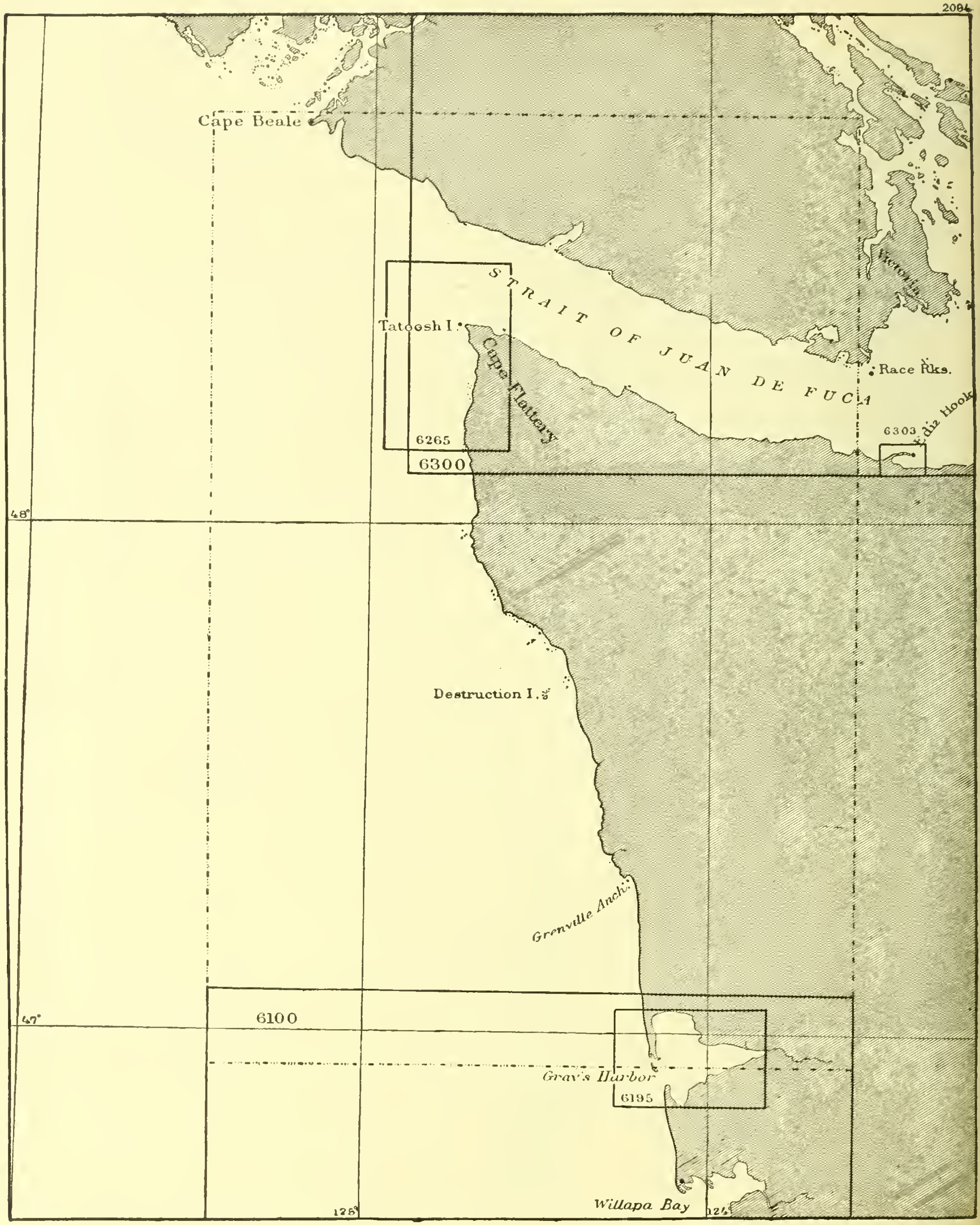
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	General Charts of the Coast and Harbor Charts—Continued.						
6000a	Yaquina Head to Cape Lookout	Oregon	$\frac{1}{200,000}$	0. 36	18×28	1917	$0. 30
6003	Umpqua River entrance	Oregon	$\frac{1}{20,000}$	3. 65	21×35	1917	. 20
6023	Siuslaw River	Oregon	$\frac{1}{20,000}$	3. 65	17×18	1917	. 25
6058	Yaquina River and approaches	Oregon	$\frac{1}{20,000}$	3. 65	27×31	1917	. 30
6088	Nestucca Bay	Oregon	$\frac{1}{10,000}$	7. 30	25×36	1900	. 25


2108
125°
124°
123°
Grenville Anch.
47°
6100
Gray's Harbor
6195
Olympia
Willapa Bay
6185
Cape Disappointment
Pt. Adams
Astoria
6151
6152
Cathlamet
6153
Rainier
46°
Tillamook Rock
6153
Kalama
6122
Nehalem R.
46°
Tillamook Bay
6112
St. Helens
Cape Lookout
Stevenson
6146
Vancouver
Washougal
Cascades
6000a
6088
Nestucca R.
6154
Willamette R.
PORTLAND
East Portland
Nechesne R.
45°
122°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

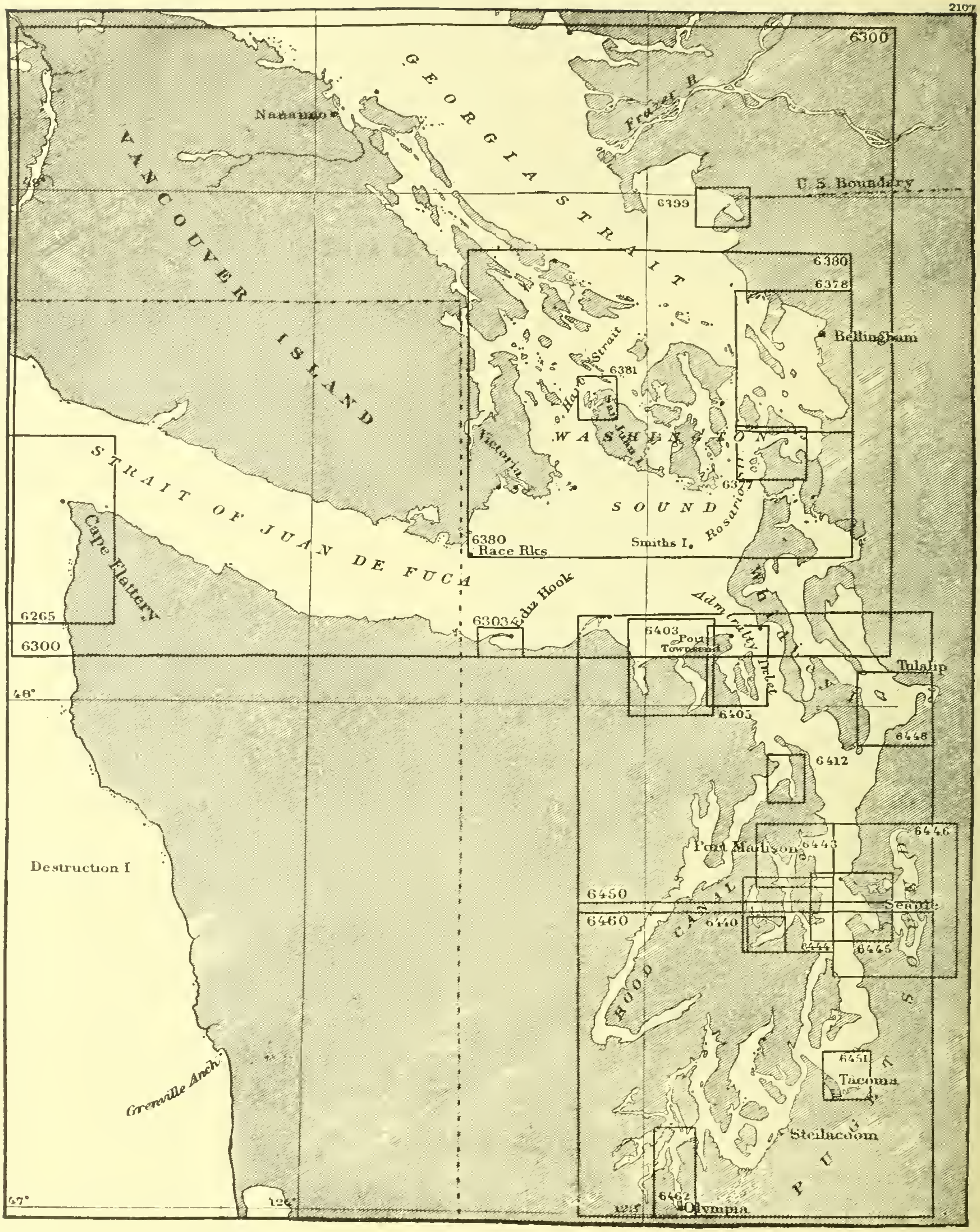
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
6100	Cape Lookout to Grays Harbor	Oreg. and Wash.	$\frac{1}{200,000}$	0.36	28 × 39	1917	$0.50
6112	Tillamook Bay	Oregon	$\frac{1}{20,000}$	3.65	26 × 33	1917	.25
6122	Nehalem River	Oregon	$\frac{1}{20,000}$	3.65	16 × 19	1916	.20
6151	Columbia River—Entrance to Harrington Point	Oreg. and Wash.	$\frac{1}{40,000}$	1.82	25 × 41	1917	.50
6152	Columbia River—Harrington Point to Grims Island.	Oreg. and Wash.	$\frac{1}{40,000}$	1.82	27 × 43	1914	.50
6153	Columbia River—From Grims Island to Saint Helens.	Oreg. and Wash.	$\frac{1}{40,000}$	1.82	32 × 39	1917	.50
6154	Columbia River—Saint Helens to Willamette River, including Vancouver and Portland.	Oreg. and Wash.	$\frac{1}{40,000}$	1.82	21 × 41	1914	.50
6146	Columbia River—Vancouver to Reed Island	Oreg. and Wash.	$\frac{1}{40,000}$	1.82	23 × 34	1904	.25
6185	Willapa Bay	Washington	$\frac{1}{40,000}$	1.82	31 × 43	1915	.50
6195	Grays Harbor	Washington	$\frac{1}{40,000}$	1.82	25 × 39	1917	.25


2084
Cape Beale
Victoria
STRAIT OF JUAN DE FUCA
Tatoosh I.
Cape Flattery
Race Rks.
Ediz Hook
6303
6265
6300
48°
Destruction I.
Grenville Anch.
47°
6100
Grays Harbor
6195
Willapa Bay
125°
124°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

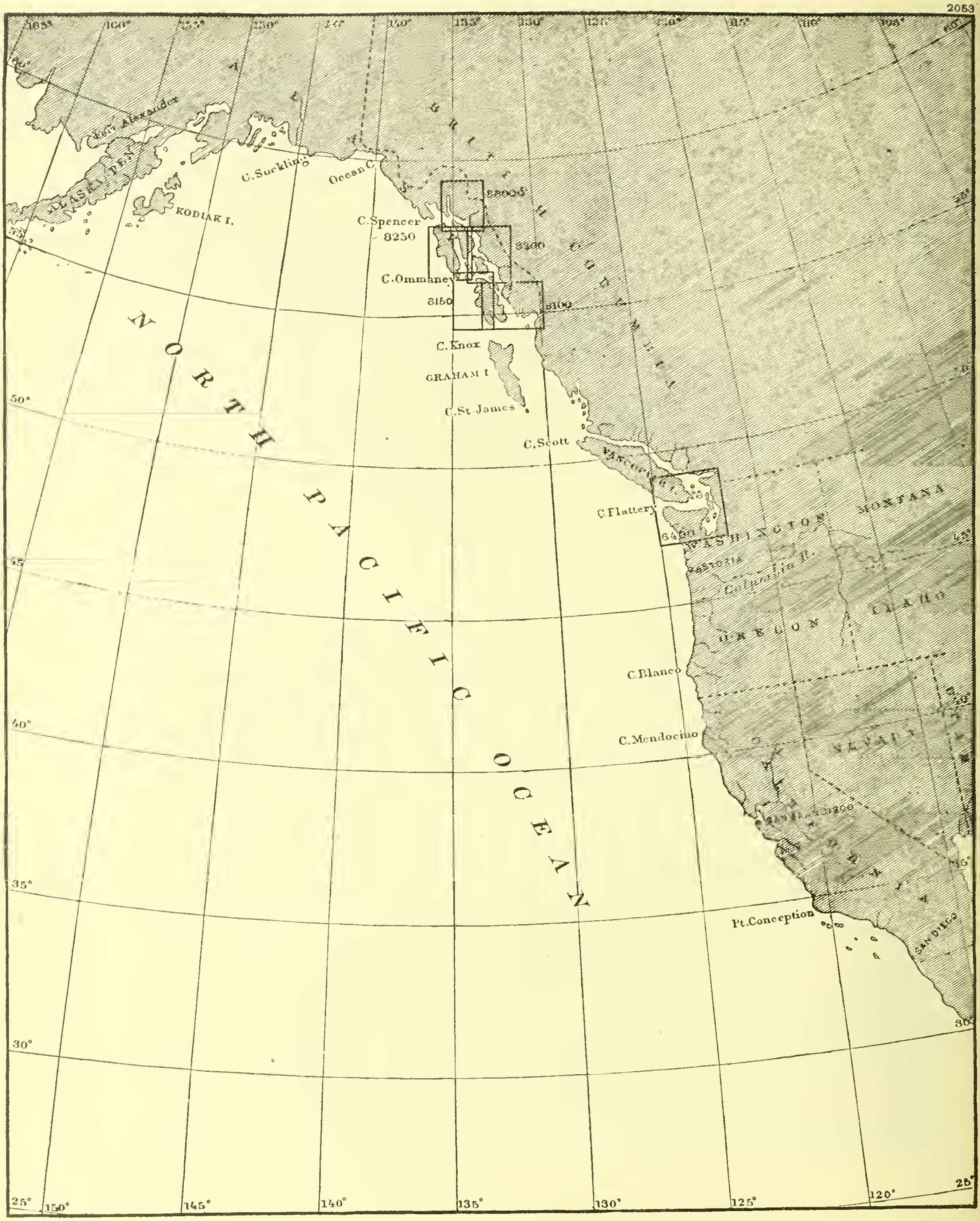
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
6265	Cape Flattery	Washington	$\frac{1}{40,000}$	1.82	29 × 40	1898	$0.40


2107
6300
GEORGIA STRAIT
Nanaimo
Frazer R.
VANCOUVER ISLAND
49°
U.S. Boundary
6399
6380
6378
Bellingham
Haro Strait
6381
San Juan I.
Victoria
WASHINGTON SOUND
6377
Rosario
6380
Race Rks
Smiths I.
STRAIT OF JUAN DE FUCA
Cape Flattery
6265
6300
Ediz Hook
6303
Admiralty Inlet
6403
Port Townsend
6405
Tulalip
6448
6412
48°
Destruction I
Port Madison
6443
6446
6450
Seattle
6460
HOOD CANAL
6440
6444
6445
6451
Tacoma
Steilacoom
PUGET SOUND
Grenville Anch.
6462
Olympia
47°
124°
123°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

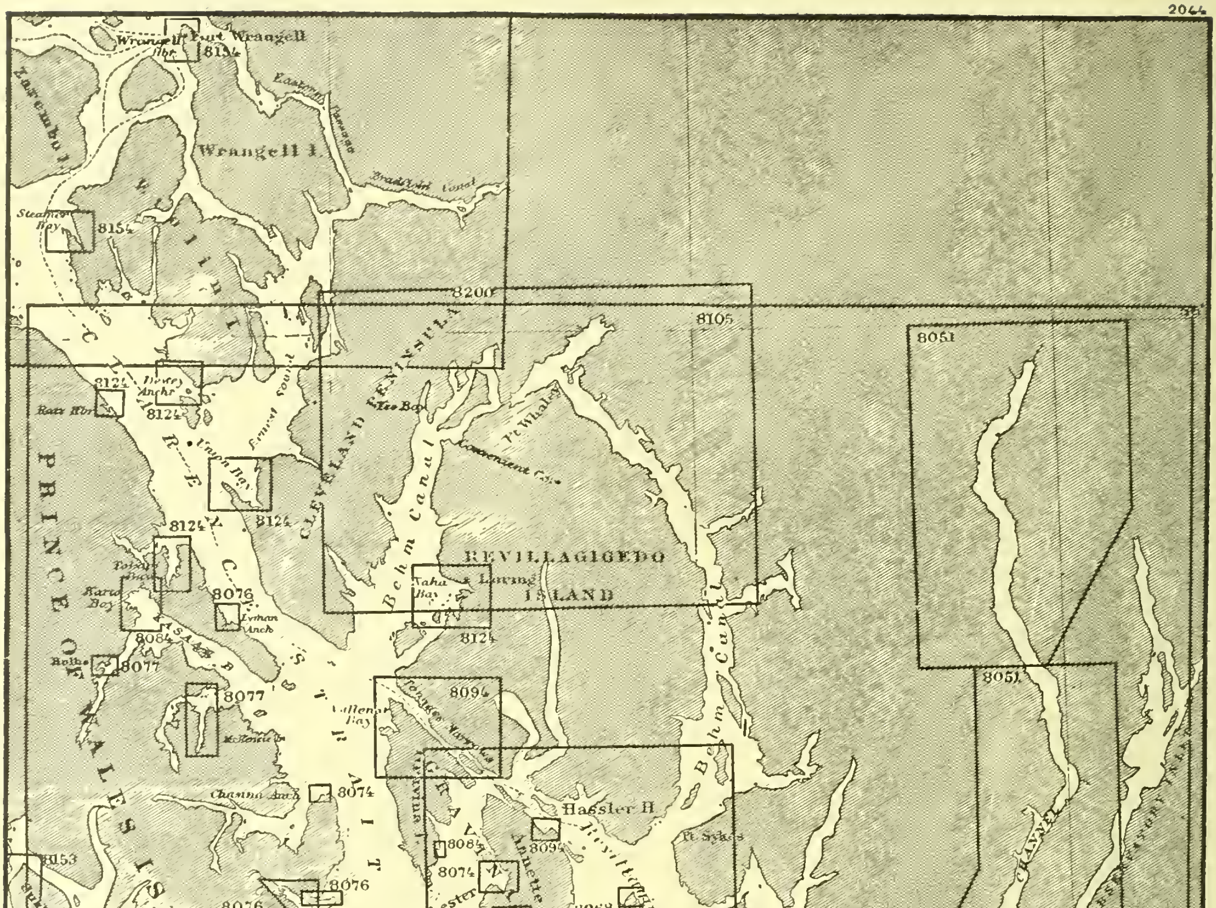
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
6300	Georgia Strait and Strait of Juan de Fuca		$\frac{1}{200,000}$	0.36	28 × 39	1911	\$0.50
6303	Port Angeles, Strait of Juan de Fuca	Washington	$\frac{1}{10,000}$	7.30	19 × 31	1909	.25
6380	Washington Sound	Washington	$\frac{1}{80,000}$	0.91	34 × 42	1912	.50
6377	Anacortes Harbor, Washington Sound	Washington	$\frac{1}{40,000}$	1.82	13 × 16	1902	.25
6378	Bellingham Bay	Washington	$\frac{1}{40,000}$	1.82	26 × 31	1906	.25
6381	Roche Harbor and approaches	Washington	$\frac{1}{10,000}$	7.30	33 × 37	1914	.50
6399	Semiamoo Bay, Georgia Strait	Washington	$\frac{1}{30,000}$	2.43	14 × 16	1909	.15
6403	Port Discovery and Washington Harbor	Washington	$\frac{1}{40,000}$	1.82	19 × 22	1890	.25
6405	Port Townsend, Admiralty Inlet	Washington	$\frac{1}{20,000}$	3.65	26 × 36	1916	.25
6412	Port Gamble, Hood Canal	Washington	$\frac{1}{20,000}$	3.65	16 × 23	1916	.15
6443	Port Orchard, northern part, Puget Sound	Washington	$\frac{1}{20,000}$	3.65	27 × 34	1905	.50
6444	Port Orchard, southern part, Puget Sound	Washington	$\frac{1}{20,000}$	3.65	33 × 38	1916	.50
6440	Sinclair Inlet	Washington	$\frac{1}{10,000}$	7.30	23 × 31	1917	.25
6445	Seattle Harbor, Puget Sound	Washington	$\frac{1}{20,000}$	3.65	31 × 38	1913	.50
6446	Lake Washington	Washington	$\frac{1}{40,000}$	1.82	25 × 34	1910	.25
6450	Admiralty Inlet, and Puget Sound to Seattle.	Washington	$\frac{1}{80,000}$	0.91	34 × 41	1905	.50
6460	Puget Sound, Seattle to Olympia	Washington	$\frac{1}{80,000}$	0.91	32 × 41	1911	.50
6448	Everett Harbor and approaches	Washington	$\frac{1}{40,000}$	1.82	17 × 18	1916	.25
6451	Commencement Bay and City of Tacoma	Washington	$\frac{1}{20,000}$	3.65	20 × 21	1916	.25
6462	Olympia Harbor, Puget Sound	Washington	$\frac{1}{20,000}$	3.65	20 × 37	1914	.25


2053
ALASKA PEN.
Fort Alexander
KODIAK I.
C. Suckling
Ocean C.
C. Spencer
8250
8200
8300
C. Ommaney
8150
8100
C. Knox
GRAHAM I.
C. St. James
C. Scott
VANCOUVER I.
C. Flattery
6400
NORTH PACIFIC OCEAN
WASHINGTON
MONTANA
ASTORIA
Columbia R.
OREGON
IDAHO
C. Blanco
C. Mendocino
NEVADA
SAN FRANCISCO
CALIFORNIA
Pt. Conception
SAN DIEGO
50°
45°
40°
35°
30°
25°
150°
145°
140°
135°
130°
125°
120°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

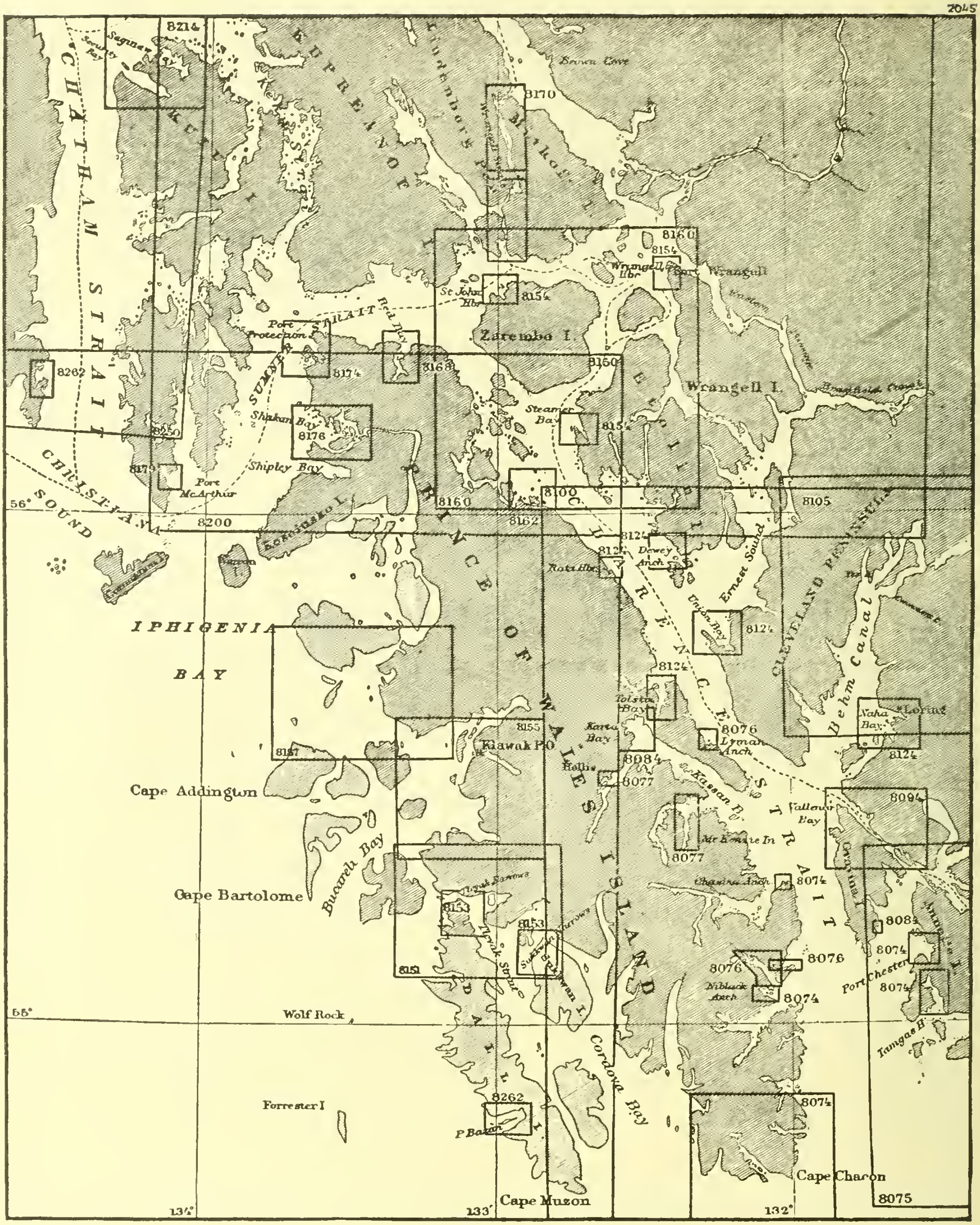
Catalogue number.	TITLE.	State.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	SAILING CHARTS.						
6400	Seacoast and interior waters of Washington, from Grays Harbor to Semiamoo Bay.	Washington	$\frac{1}{300,000}$	0.21	33 × 39	1911	$0.50
8100	Clarence Strait, Revillagigedo Channel and Portland Canal.	Alaska	$\frac{1}{200,000}$	0.36	33 × 42	1911	.50
8200	Frederick Sound and Sumner Strait	Alaska	$\frac{1}{200,000}$	0.36	33 × 41	1895	.50
8300	Lynn Canal and Stephens Passage	Alaska	$\frac{1}{200,000}$	0.36	33 × 41	1914	.50
8150	Dixon Entrance to Chatham Strait	Alaska	$\frac{1}{200,000}$	0.36	32 × 39	1914	.50
8250	Chatham Strait	Alaska	$\frac{1}{200,000}$	0.36	34 × 42	1910	.50


2044
Wrangell Hbr.
Port Wrangell
8154
Wrangell I.
Eastern Passage
Bradfield Canal
Steamer Bay
8154
CLARENCE STRAIT
8200
8105
8051
CLEVELAND PENINSULA
8124
Dewey Anchr
Ratz Hbr
8124
Ernest Sound
Union Bay
8124
8124
Yes Bay
Pt Whaley
Convenient Cove
Behm Canal
REVILLAGIGEDO ISLAND
Naha Bay
Loring
8124
PRINCE OF WALES ISLAND
Tolstoi Anch
Karta Bay
8076
Lyman Anch
8084
Kasaan Bay
Bolhe I
8077
8077
McKenzie In
Tongass Narrows
8094
Vallenar Bay
Channa Anch
8074
Hassler H
Pt Sykes
8084
8094
Gravina I
8074
Annette I
Revillagigedo Channel
8068
8153
8076
8076
Niblack Anchr
8074
Port Chester
8074
Sukkwan I
Tamgas H
Duke I
Cordova Bay
8074
Cape Chacon
Cape Muzon
8100
8075
Cape Fox
Port Tongass
8074
Bakes I
Pearse I
PORTLAND CANAL OR CHANNEL
OBSERVATORY INLET
8051
55°
Zayas I
Dundas I
CHATHAM SOUND
Chim-sy-an Peninsula
WORK CANAL
Brown Passage
DIXON ENTRANCE
Langara I
Rose Pt.
132°
131°
130°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

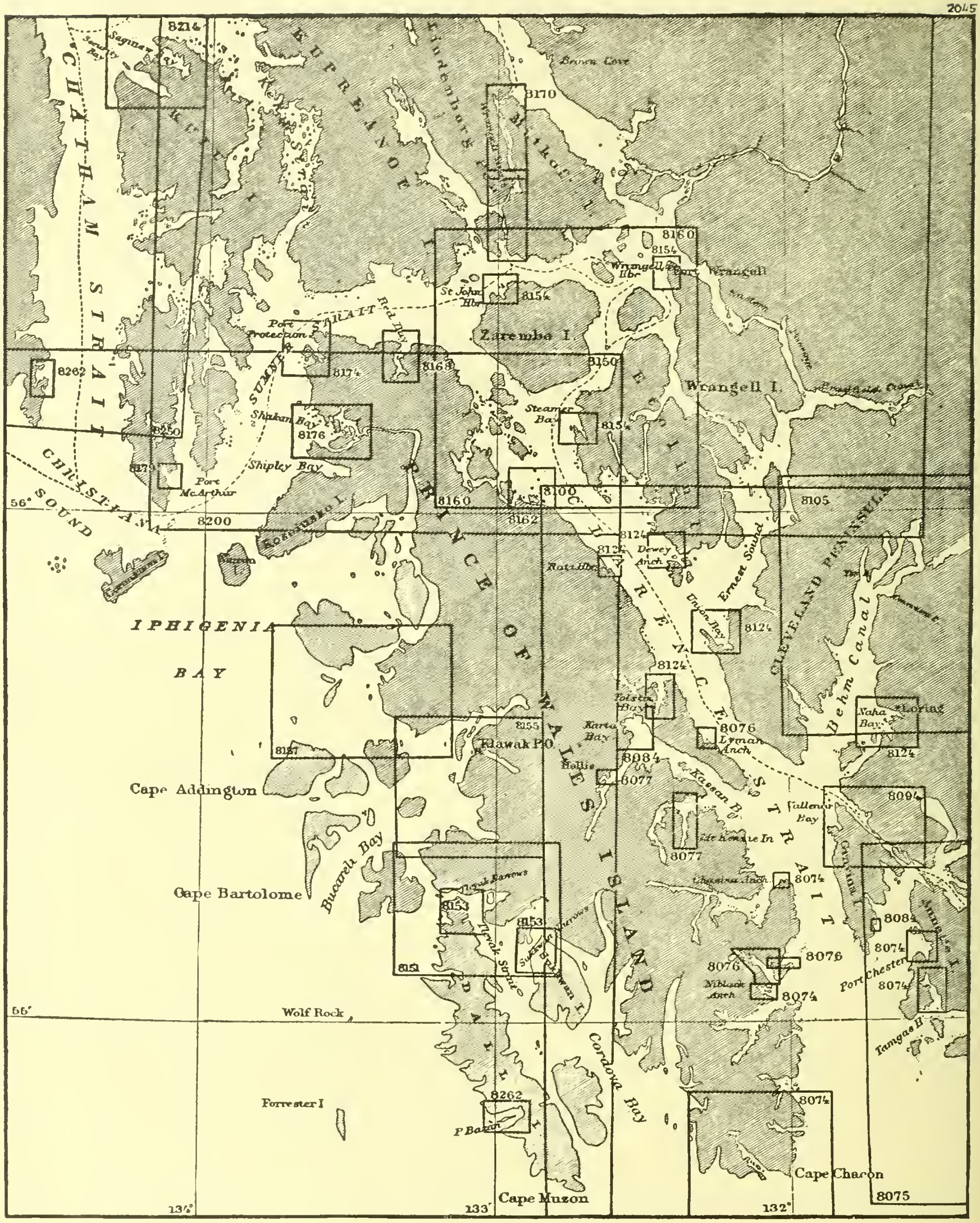
Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS.						
8051	Portland Canal	Alaska	$\frac{1}{100,000}$	0.73	25 × 40	1911	$0.25
8068	Customhouse Cove and Mary Island Anchorage.	Alaska	$\frac{1}{10,000}$	7.30	16 × 20	1914	.25
8074	Harbor charts: Dixon Entrance and Clarence Strait.	Alaska			34 × 37	1916	.50
	Cape Chacon and vicinity		$\frac{1}{80,000}$	0.91			
	Port Tongass		$\frac{1}{10,000}$	7.30			
	Niblack Anchorage, Prince of Wales Island.		$\frac{1}{20,000}$	3.65			
	Tamgas Harbor, Annette Island		$\frac{1}{40,000}$	1.82			
	Port Chester, Annette Island		$\frac{1}{20,000}$	3.65			
	Chasina Anchorage, Cholmondeley Sound		$\frac{1}{10,000}$	7.30			
8075	Revillagigedo Channel	Alaska	$\frac{1}{80,000}$	0.91	35 × 42	1917	.50
8076	Harbors in Clarence Strait	Alaska			21 × 25	1906	.25
	North Arm of Moira Sound		$\frac{1}{20,000}$	3.65			
	Dolomi Anchorage and Port Johnson		$\frac{1}{20,000}$	3.65			
	Lyman Anchorage, Prince of Wales Island.		$\frac{1}{10,000}$	7.30			
8077	Harbors in Prince of Wales Island	Alaska			23 × 25	1907	.25
	McKenzie Inlet, Kasaan Bay		$\frac{1}{20,000}$	3.65			
	Hollis Anchorage, Kasaan Bay		$\frac{1}{40,000}$	1.82			
8084	Seal Cove, Nichols Passage	Alaska	$\frac{1}{5,000}$	14.59	22 × 33	1910	.25
	Head of Kasaan Bay, Clarence Strait		$\frac{1}{20,000}$	3.65			
8094	Tongass Narrows	Alaska	$\frac{1}{30,000}$	2.43	31 × 33	1917	.50
8100	Clarence Strait, Revillagigedo Channel, and Portland Canal.	Alaska	$\frac{1}{200,000}$	0.36	33 × 42	1911	.50


7045
8214
Saginaw Bay
CHATHAM STRAIT
KUIU I.
Keku Strait
EUPREANOF I.
Lindenbergs Pen.
8170
Mitkof I.
Brown Cove
8160
8154
Wrangell Hbr
Port Wrangell
St John Hbr
8154
Zarembo I.
Port Protection
SUMNER STRAIT
Red Bay
8174
8168
8262
8150
Wrangell I.
Steamer Bay
8154
Shakan Bay
8176
8250
Shipley Bay
8175
Port McArthur
CHRISTIAN SOUND
56°
8160
8100
8162
8200
8105
Kosciusko I.
Warren I.
8124
8124
Dewey Anch
Rott Hbr
Ernest Sound
Union Bay
8124
CLEVELAND PENINSULA
IPHIGENIA BAY
8124
Tolstoi Bay
8076
Lyman Anch
Behm Canal
Naha Bay
Loring
8124
8187
8155
Klawak P.O.
Karta Bay
Hollis
8084
8077
Kasaan B.
Cape Addington
PRINCE OF WALES ISLAND
CLARENCE STRAIT
Yellow Bay
8094
8077
Mc Kenzie In
Bucareli Bay
Cape Bartolome
Chasina Anch
8074
8153
8153
8151
Tlevak Strait
Sukkwan I.
8084
8074
Port Chester
8076
8076
Niblack Anch
8074
8074
55°
Wolf Rock
DALL I.
Cordova Bay
Tongass H.
Forrester I
8262
P Bazan
8074
Cape Chacon
8075
Cape Muzon
134°
133°
132°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

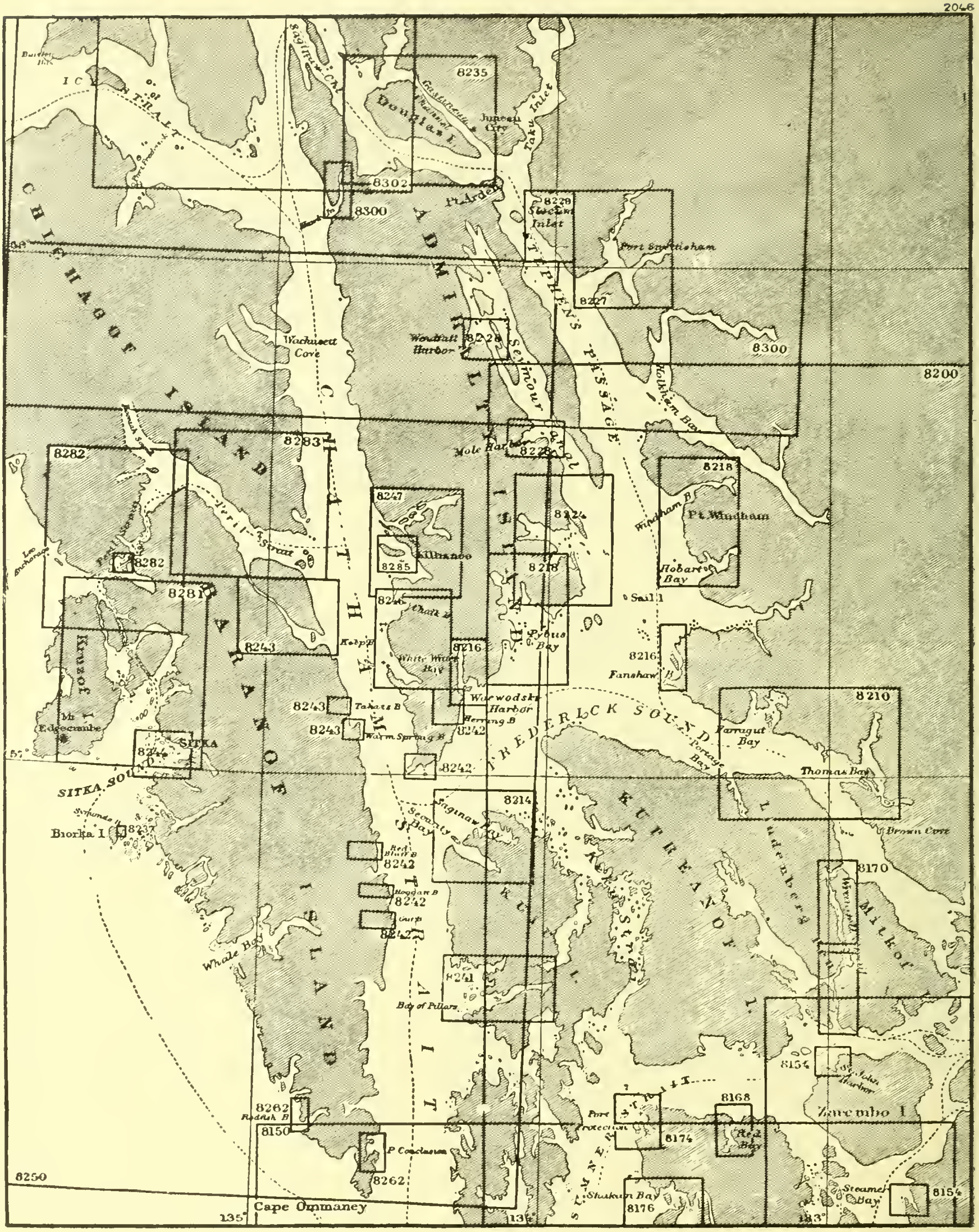
Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8105	Behm Canal, northern part	Alaska	$\frac{1}{80,000}$	0.91	29×41	1910	$0.50
	Yes Bay		$\frac{1}{40,000}$	1.82			
	Convenient Cove		$\frac{1}{20,000}$	3.65			
8124	Harbor charts: Clarence Strait and Behm Canal	Alaska			28×31	1897	.25
	Naha Bay, Behm Canal		$\frac{1}{40,000}$	1.82			
	Tolstoi Bay, Prince of Wales Island		$\frac{1}{40,000}$	1.82			
	Union Bay, Clarence Strait		$\frac{1}{40,000}$	1.82			
	Ratz Harbor, Prince of Wales Island		$\frac{1}{10,000}$	7.30			
	Dewey Anchorage, Etolin Island		$\frac{1}{20,000}$	3.65			
8150	Dixon Entrance to Chatham Strait	Alaska	$\frac{1}{200,000}$	0.36	32×39	1914	.50
8151	Northern Part of Tlevak Strait and Ulloa Channel	Alaska	$\frac{1}{40,000}$	1.82	30×37	1916	.50
8153	Tlevak and Sukkwan Narrows	Alaska	$\frac{1}{20,000}$	3.65	12×21	1916	.30
8154	Harbor charts: Zarembo Island and vicinity	Alaska			29×30	1897	.25
	Steamer Bay, Etolin Island		$\frac{1}{20,000}$	3.65			
	Wrangell Harbor and Highfield Anchorage	Alaska	$\frac{1}{10,000}$	7.30			
8155	Ulloa Channel to San Christoval Channel	Alaska	$\frac{1}{40,000}$	1.82	31×31	1917	.50
8160	Zarembo Island and approaches	Alaska	$\frac{1}{80,000}$	0.91	29×31	1909	.50
8162	Lake Bay, Clarence Strait	Alaska	$\frac{1}{10,000}$	7.30	34×34	1907	.50
8168	Red Bay, Prince of Wales Island	Alaska	$\frac{1}{20,000}$	3.65	13×20	1917	.15
8170	Wrangell Strait	Alaska	$\frac{1}{20,000}$	3.65	31×40	1912	.50
8174	Port Protection, Prince of Wales Island	Alaska	$\frac{1}{20,000}$	3.65	19×28	1917	.15
8176	Shakan Strait, Prince of Wales Island	Alaska	$\frac{1}{20,000}$	3.65	25×38	1917	.25
8179	Port McArthur, Kuiu Island	Alaska	$\frac{1}{10,000}$	7.30	25×25	1901	.15
8157	San Christoval Channel to Cape Lynch	Alaska	$\frac{1}{40,000}$	1.82	31×38	1915	.50


2045
8214
Saginaw Bay
Security Bay
CHATHAM STRAIT
KUPREANOF I.
Keku Strait
Brown Cove
8170
Mitkof I.
8160
8154
Wrangell Hbr
Port Wrangell
St John Hbr
8154
Zaremba I.
Port Protection
SUMNER STRAIT
Red Bay
8262
8174
8168
8150
Wrangell I.
Steamer Bay
8154
Shakan Bay
8176
8250
Shipley Bay
8179
Port McArthur
CHRISTIAN SOUND
56°
8200
8160
8100
8162
8105
Kosciusko I.
Coronation I.
Warren I.
8124
8124
Dewey Anch
Ratz Hbr
Ernest Sound
Union Bay
8124
CLEVELAND PENINSULA
IPHIGENIA BAY
PRINCE OF WALES ISLAND
CLARENCE STRAIT
8124
Tolstoi Bay
Karta Bay
Hollis
8084
8077
8076
Lyman Anch
Behm Canal
Naha Bay
Loring
8124
8157
8155
Klawak P.O.
Cape Addington
Kasaan B.
Skowl Arm
8077
Cholmondeley Sd
Gravina I.
8094
Bucareli Bay
Cape Bartolome
8153
8153
Tlevak Narrows
Sukkwan Narrows
8151
Tlevak Strait
Sukkwan I.
8074
8076
8076
Niblack Anch
8074
8084
8074
Port Chester
8074
Annette I.
55°
Wolf Rock
DALL I.
Cordova Bay
Tongass H.
Forrester I
8262
P Bazan
8074
Cape Chacon
Cape Muzon
8075
134°
133°
132°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

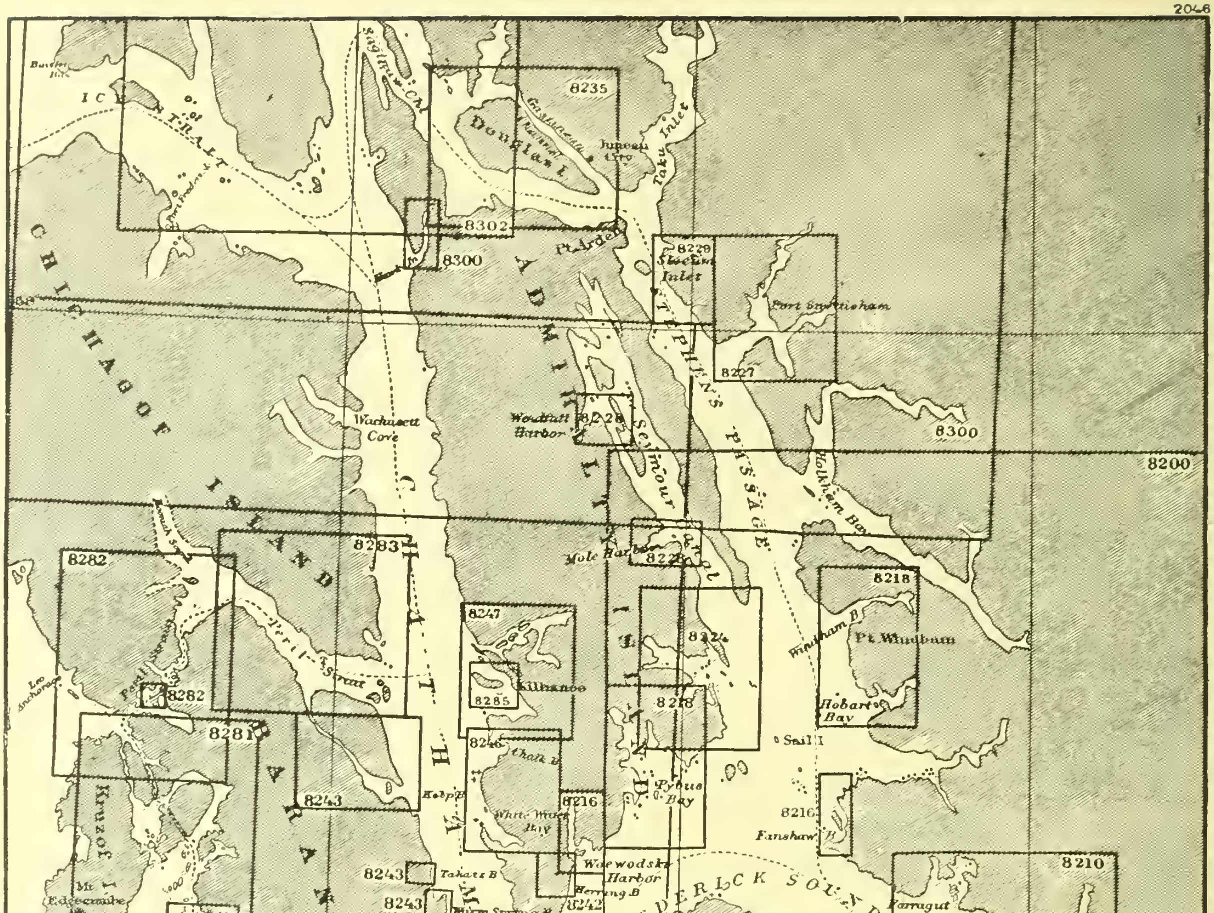
Catalogue number.	TITLE.	Territory.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8243	Kelp, Takatz, and Warm Spring Bays, Chatham Strait.	Alaska			21 × 32	1908	$0.25
	Kelp Bay		$\frac{1}{40,000}$	1.82			
	Takatz Bay		$\frac{1}{20,000}$	3.65			
	Warm Spring Bay		$\frac{1}{20,000}$	3.65			
8247	Hood Bay and Kootznahoo Inlet	Alaska	$\frac{1}{30,000}$	2.43	26 × 37	1910	.50


2046
ICY STRAIT
8235
Douglas I.
Juneau City
Taku Inlet
8302
8300
Pt. Arden
8229
Inlet
Port Snettisham
8227
CHICHAGOF ISLAND
ADMIRALTY ISLAND
STEPHENS PASSAGE
Wachusett Cove
Woodtall Harbor
8228
Seymour Canal
8300
8200
Holkham Bay
Mole Harbor
8223
8283
8282
Peril Strait
8247
8285
Killisnoo
8224
8218
Pt. Windham
Windham B.
Hobart Bay
8282
8281
8218
Sail I.
Kruzof I.
8243
8246
Kelp B.
Chatham Strait
White Water Bay
8216
Pybus Bay
8216
Fanshaw B.
Warwodski Harbor
Herring B.
8243
Tenakee B.
8243
Warm Spring B.
8242
8242
FREDERICK SOUND
Portage Bay
Farragut Bay
8210
Thomas Bay
Mt. Edgecumbe
SITKA
8244
SITKA SOUND
BARANOF ISLAND
KUPREANOF I.
8214
Saginaw Bay
Security Bay
Keku Strait
Kuiu I.
Brown Cove
Biorka I.
8237
Red Bluff B.
8242
8242
8242
Whale Bay
8170
Mitkof I.
8241
Bay of Pillars
8154
St. John Harbor
Zarembo I.
8262
Redfish B.
8150
Port Protection
SUMNER STRAIT
8168
8174
Red Bay
P. Conclusion
8262
8250
Shakan Bay
8176
Steamer Bay
8154
Cape Ommaney
135°
134°
133°
57°
58°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

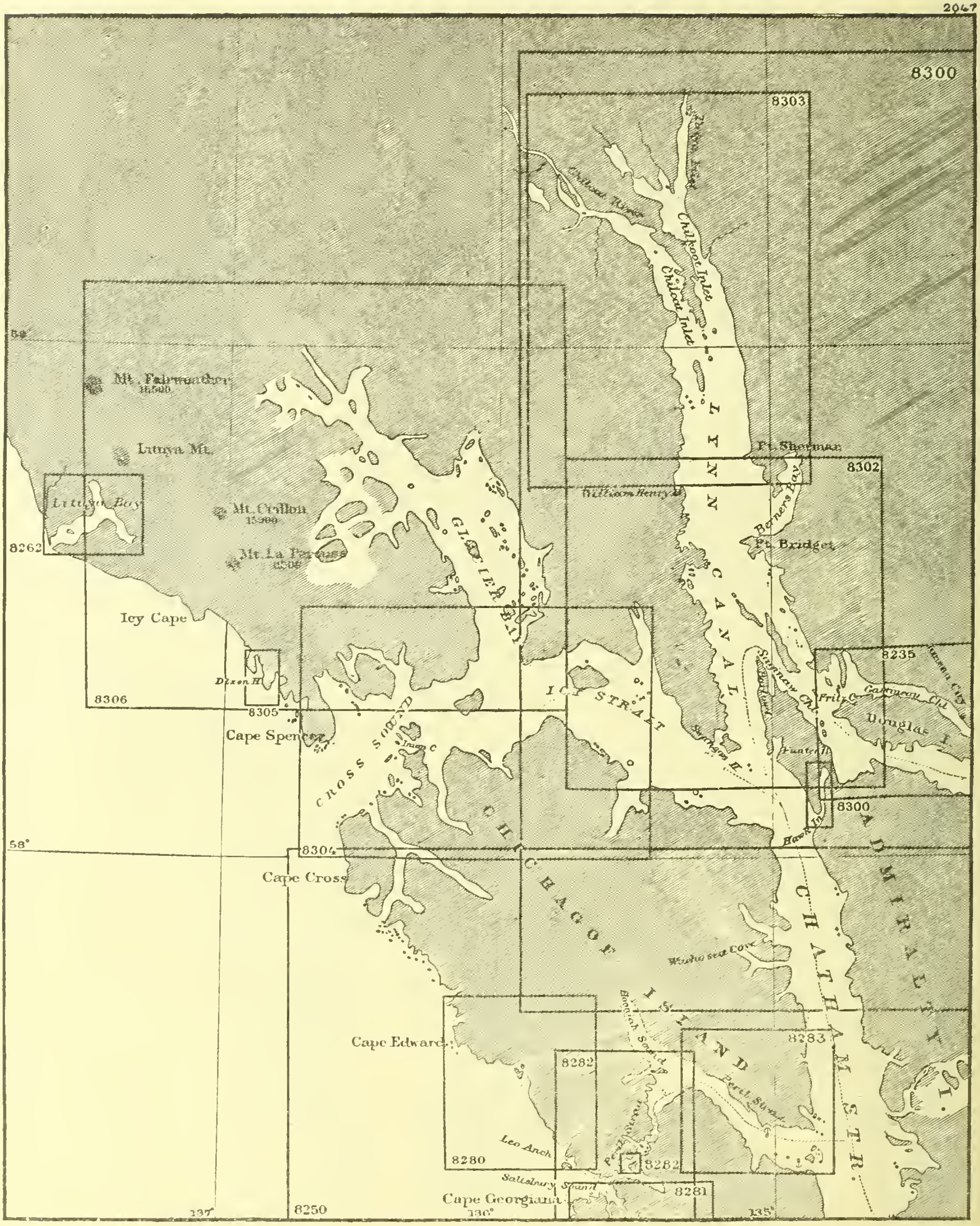
Catalogue number.	TITLE.	Territory.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8200	Frederick Sound and Sumner Strait	Alaska	$\frac{1}{200,000}$	0.36	33 × 41	1895	$0.50
8210	Thomas, Farragut, and Portage Bays	Alaska	$\frac{1}{40,000}$	1.82	28 × 38	1913	.50
8214	Saginaw and Security Bays	Alaska	$\frac{1}{40,000}$	1.82	20 × 23	1909	.25
8216	Woewodski and Eliza Harbors Fanshaw Bay and Cleveland Passage	Alaska	$\frac{1}{20,000}$	3.65	28 × 30	1900	25
8218	Pybus Bay, Admiralty Island Hobart and Windham Bays	Alaska	$\frac{1}{40,000}$	1.82	27 × 34	1911	.25
8224	Gambier Bay, Frederick Sound	Alaska	$\frac{1}{40,000}$	1.82	21 × 30	1912	.25
8227	Port Snettisham, Stephens Passage	Alaska	$\frac{1}{40,000}$	1.82	23 × 27	1913	.25
8228	Windfall Harbor Mole Harbor Seymour Canal	Alaska	$\frac{1}{20,000}$	3.65	20 × 30	1913	.25
8241	Bay of Pillars, Chatham Strait	Alaska	$\frac{1}{20,000}$	3.65	31 × 41	1907	.50
	Washington Bay, Chatham Strait		$\frac{1}{10,000}$	7.30			
8242	Harbors in Chatham Strait and vicinity	Alaska			28 × 30	1906	.25
	Gut Bay, Chatham Strait		$\frac{1}{20,000}$	3.65			
	Hoggatt Bay, Chatham Strait		$\frac{1}{20,000}$	3.65			
	Red Bluff Bay, Chatham Strait		$\frac{1}{20,000}$	3.65			
	Surprise Harbor and Murder Cove		$\frac{1}{20,000}$	3.65			
	Herring Bay and Chapin Bay, Frederick Sound.		$\frac{1}{20,000}$	3.65			
8246	Whitewater Bay and Chaik Bay, Chatham Strait	Alaska	$\frac{1}{20,000}$	3.65	31 × 39	1906	.50
8250	Chatham Strait (see also page 118)	Alaska	$\frac{1}{200,000}$	0.36	34 × 42	1910	.50


2046
ICY STRAIT
CHICHAGOF ISLAND
ADMIRALTY ISLAND
STEPHENS PASSAGE
CHATHAM STRAIT
BARANOF ISLAND
FREDERICK SOUND
KUPREANOF I.
KUIU I.
Mitkof I.
Zarembo I.
Douglas I.
Juneau City
Taku Inlet
Gastineau Channel
Saginaw Chl
Pt. Arden
Stockade Inlet
Port Snettisham
Wachusett Cove
Woodsbutt Harbor
Seymour Chl
Holkham Bay
Mole Harbor
Windham B
Pt. Windham
Hobart Bay
Sail I
Fanshaw B
Killisnoo
Chaik B
White Water Bay
Kelp B
Pybus Bay
Wasewodsky Harbor
Herring B
Takatz B
Warm Spring B
Peril Strait
Lee Anchorage
Kruzof I.
Mt. Edgecumbe
SITKA
SITKA SOUND
Biorka I.
Saginaw Bay
Security Bay
Red Bluff B
Hoggatt B
Gut B
Whale Bay
Bay of Pillars
Farragut Bay
Portage Bay
Thomas Bay
Brown Cove
St. John Harbor
Port Protection
Red Bay
Shakan Bay
Steamer Bay
Redfish B
P. Conclusion
Cape Ommaney
SUMNER STRAIT
8235
8302
8300
8229
8227
8228
8200
8283
8282
8281
8218
8247
8285
8224
8246
8216
8243
8244
8242
8237
8214
8210
8241
8170
8154
8262
8150
8174
8168
8176
8250
57°
135°
134°
133°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

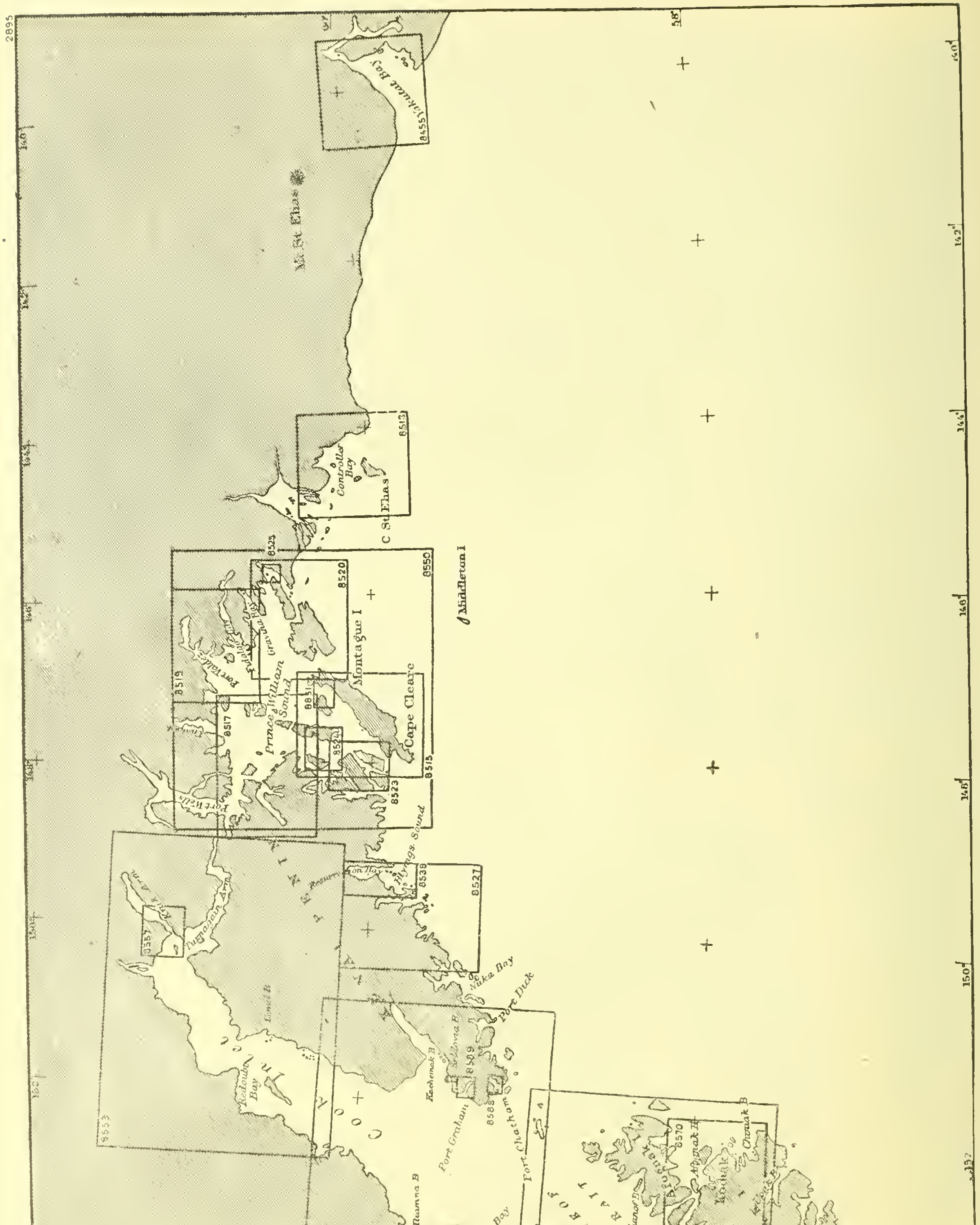
Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8229	Slocum and Limestone Inlets and Taku Harbor	Alaska	$\frac{1}{20,000}$	3.65	21 × 31	1912	$0.25
8235	Gastineau Channel and part of Stephens Passage.	Alaska	$\frac{1}{40,000}$	1.82	28 × 31	1913	.25
8237	Symonds Bay, Sitka Sound	Alaska	$\frac{1}{7,200}$	10.13	14 × 14	1896	.10
8244	Sitka Harbor and approaches	Alaska	$\frac{1}{10,000}$	7.30	32 × 39	1911	.50
8281	Peril Strait, Sitka Sound to Salisbury Sound	Alaska	$\frac{1}{40,000}$	1.82	33 × 41	1900	.50
	Whitestone Narrows		$\frac{1}{10,000}$	7.30			
8282	Peril Strait, Salisbury Sound to Hooniah Sound	Alaska	$\frac{1}{40,000}$	1.82	31 × 41	1900	.50
	Sergius Narrows		$\frac{1}{20,000}$	3.65			
8283	Peril Strait, Hooniah Sound to Chatham Strait	Alaska	$\frac{1}{40,000}$	1.82	33 × 41	1898	.50
8285	Killisnoo Harbor, Chatham Strait	Alaska	$\frac{1}{10,000}$	7.30	21 × 29	1903	.25
8262	Bays and harbors in southeastern Alaska				17 × 19	1914	.25
	Port Bazan, Dall Island (see page 124)						
	Redfish Bay, Baranof Island		$\frac{1}{20,000}$	3.65			
	Lituya Bay (see page 130)		$\frac{1}{118,700}$	0.61			
	Lituya Bay entrance		$\frac{1}{15,000}$	5.48			
	Port Conclusion		$\frac{1}{60,000}$	1.32			


2047
8300
8303
Taiya Inlet
Chilkat River
Chilkoot Inlet
Chilcat Inlet
LYNN CANAL
Pt. Sherman
8302
William Henry B.
Berners Bay
Pt. Bridget
8235
Juneau City
Gastineau Ch.
Fritz C.
Douglas I.
Saginaw Ch.
Hunter B.
Hawk In.
8300
59°
Mt. Fairweather
15500
Lituya Mt.
Mt. Crillon
15900
Mt. La Perouse
Lituya Bay
8262
GLACIER BAY
Icy Cape
Dixon H.
8306
8305
Cape Spencer
CROSS SOUND
ICY STRAIT
CHICHAGOF ISLAND
ADMIRALTY I.
CHATHAM STR.
58°
8304
Cape Cross
Cape Edward
8282
8283
Peril Strait
Leo Anch.
8280
8282
Salisbury Sound
8281
Cape Georgiana
137°
8250
136°
135°

PACIFIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

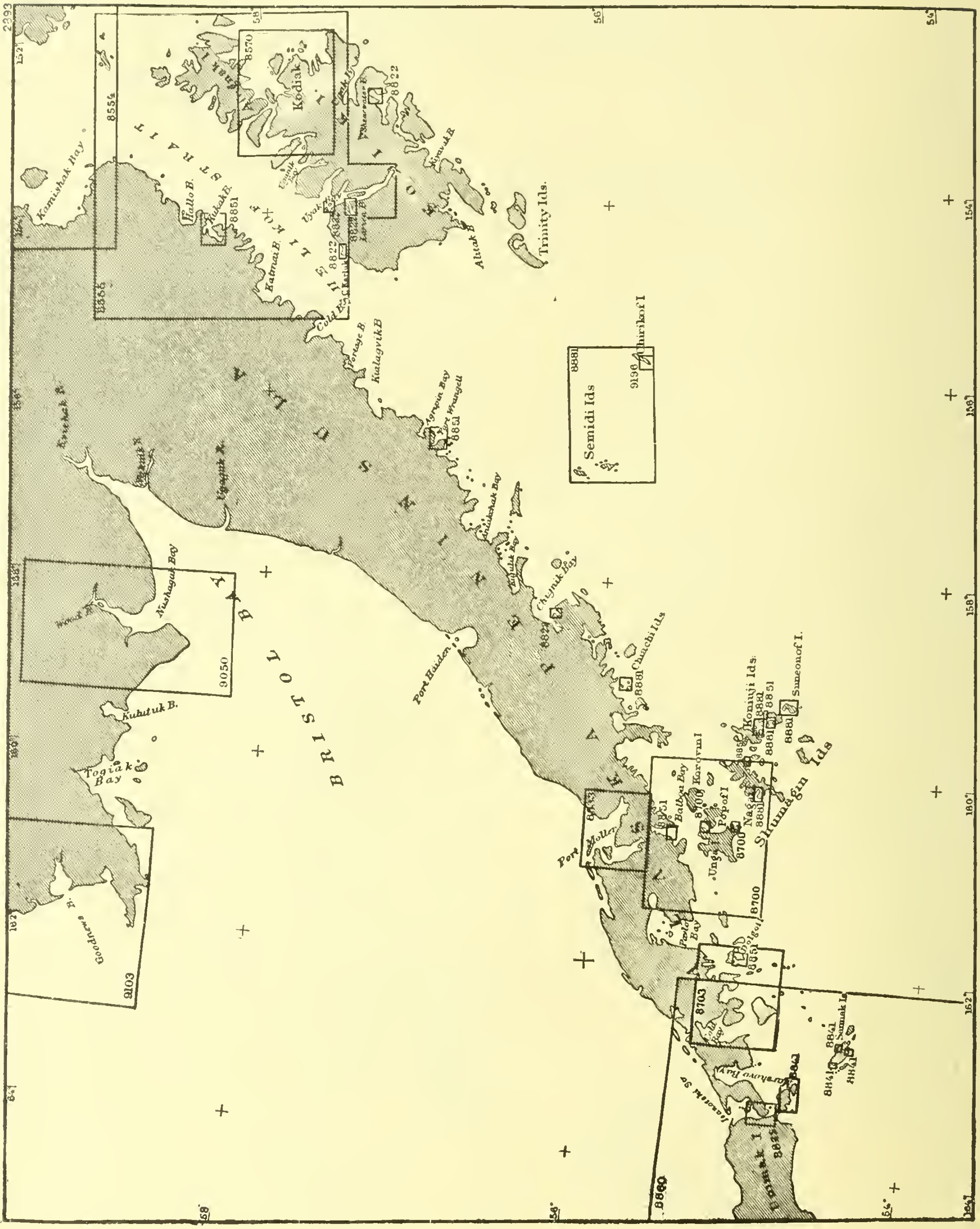
Catalogue number.	TITLE.	Territory.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	General Charts of the Coast and Harbor Charts—Continued.						
8300	Lynn Canal and Stephens Passage	Alaska	$\frac{1}{200,000}$	0.36	33 × 41	1914	$0.50
8302	Lynn Canal, from entrance to Point Sherman, with subcharts of Fritz Cove, Barlow Cove Anchorage, Funter Bay, Swanson Harbor, and William Henry Bay, all on a scale of $\frac{1}{20,000}$.	Alaska	$\frac{1}{80,000}$	0.91	34 × 42	1916	.50
8303	Lynn Canal, from Point Sherman to head	Alaska	$\frac{1}{80,000}$	0.91	30 × 41	1908	.50
8304	Icy Strait and Cross Sound, Port Frederick to Cape Spencer.	Alaska	$\frac{1}{80,000}$	0.91	28 × 39	1916	.50
	Inian Cove		$\frac{1}{20,000}$	3.65			
8305	Dixon Harbor	Alaska	$\frac{1}{15,000}$	4.86	21 × 30	1906	.25
8280	Khaz Bay	Alaska	$\frac{1}{40,000}$	1.82	31 × 39	1909	.50
8306	Glacier Bay	Alaska	$\frac{1}{160,000}$	0.45	27 × 28	1910	.25


2895
Mt St Elias
Yakutat Bay
8455
Controller Bay
8513
C St Elias
Middleton I
8550
8520
8525
Montague I
Cape Cleare
Prince William Sound
Port Valdez
Gravina Bay
8519
8517
8515
8523
Port Wells
Knik Arm
Turnagain Arm
8557
Resurrection Bay
Blying Sound
8538
8527
Nuka Bay
Port Dick
Kachemak B
Seldovia B
8509
8588
Port Graham
Port Chatham
Redoubt Bay
8553
Cook Inlet
Iliamna B
8565
Kamishak Bay
8554
8556
Shelikof Strait
Afognak
Kodiak
8570
Chiniak B
140°
142°
144°
146°
148°
150°
152°
58°
60°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

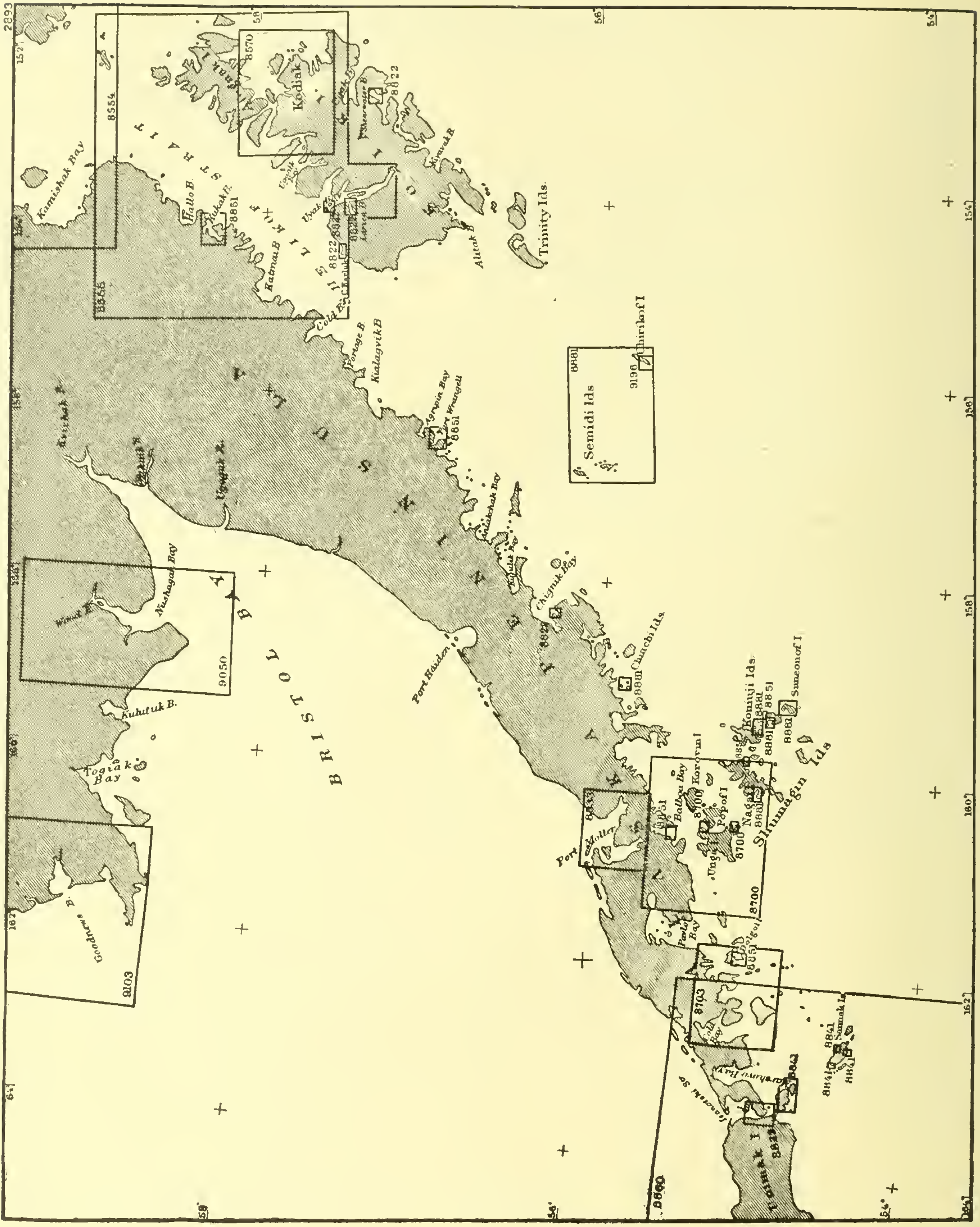
Catalogue number.	TITLE.	Territory.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8455	Yakutat Bay	Alaska	$\frac{1}{80,000}$	0. 91	28×32	1910	$0. 25
8513	Controller Bay	Alaska	$\frac{1}{100,000}$	0. 73	29×32	1913	. 25
8550	Prince William Sound	Alaska	$\frac{1}{200,000}$	0. 36	35×36	1916	. 50
8515	Prince William Sound, western entrance	Alaska	$\frac{1}{80,000}$	0. 91	34×42	1911	. 50
8517	Prince William Sound, western part	Alaska	$\frac{1}{80,000}$	0. 91	31×45	1915	. 50
8519	Prince William Sound; Fidalgo Bay and Valdez Arm.	Alaska	$\frac{1}{80,000}$	0. 91	29×39	1911	. 50
8520	Prince William Sound, eastern entrance	Alaska	$\frac{1}{80,000}$	0. 91	32×42	1917	. 50
8524	Drier Bay, Prince William Sound	Alaska	$\frac{1}{20,000}$	3. 65	32×36	1911	. 25
8525	Orca Bay and Inlet, Channel Islands to Cordova	Alaska	$\frac{1}{30,000}$	2. 43	15×15	1916	. 30
8538	Resurrection Bay, Kenai Peninsula	Alaska	$\frac{1}{50,000}$	1. 46	15×15	1913	. 25
8665	Iliamna Bay, Cook Inlet	Alaska	$\frac{1}{20,000}$	3. 65	31×33	1907	. 50
8588	Port Chatham	Alaska	$\frac{1}{10,000}$	12. 16	28×33	1908	. 25
8589	Port Graham and Seldovia Bay	Alaska	$\frac{1}{20,000}$	3. 65	26×37	1916	. 50
8523	Latouche, Elrington and Prince of Wales Passage.	Alaska	$\frac{1}{40,000}$	1. 82	32×40	1911	. 50
8553	Cook Inlet, northern part	Alaska	$\frac{1}{200,000}$	0. 36	33×43	1915	. 50
8554	Cook Inlet, southern part	Alaska	$\frac{1}{200,000}$	0. 36	32×40	1916	. 50
8557	Knick Arm, Fire Island to Goose Creek	Alaska	$\frac{1}{40,000}$	1. 82	32×33	1915	. 50
8527	Cape Resurrection to McArthur Pass	Alaska	$\frac{1}{80,000}$	0. 91	34×46	1915	. 50


2393
152°
154°
156°
158°
160°
162°
164°
58°
56°
54°
Kamishak Bay
Hallo B.
Kukak B.
8851
SHELIKOF STRAIT
Katmai B.
8822
Karluk
Uyak
Cold Bay
8554
8555
8570
Afognak I.
Kodiak I.
Alitak B.
Trinity Ids.
Chirikof I.
9196
8881
Semidi Ids
Portage B.
Kialagvik B
Agripina Bay
Port Wrangell
Chignik Bay
Chiachi Ids
Port Heiden
ALASKA PENINSULA
BRISTOL BAY
Nushagak Bay
Wood R.
9050
Kulukak B.
Togiak Bay
Goodnews B.
9103
Port Moller
Balboa Bay
Korovin I
Popof I.
Unga I.
Nagai I.
Koniuji Ids.
Simeonof I.
Shumagin Ids
8700
8703
Pavlof Bay
8841
Sanak I.
Ikatan Bay
Isanotski St.
Unimak I.
8860

PACIFIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

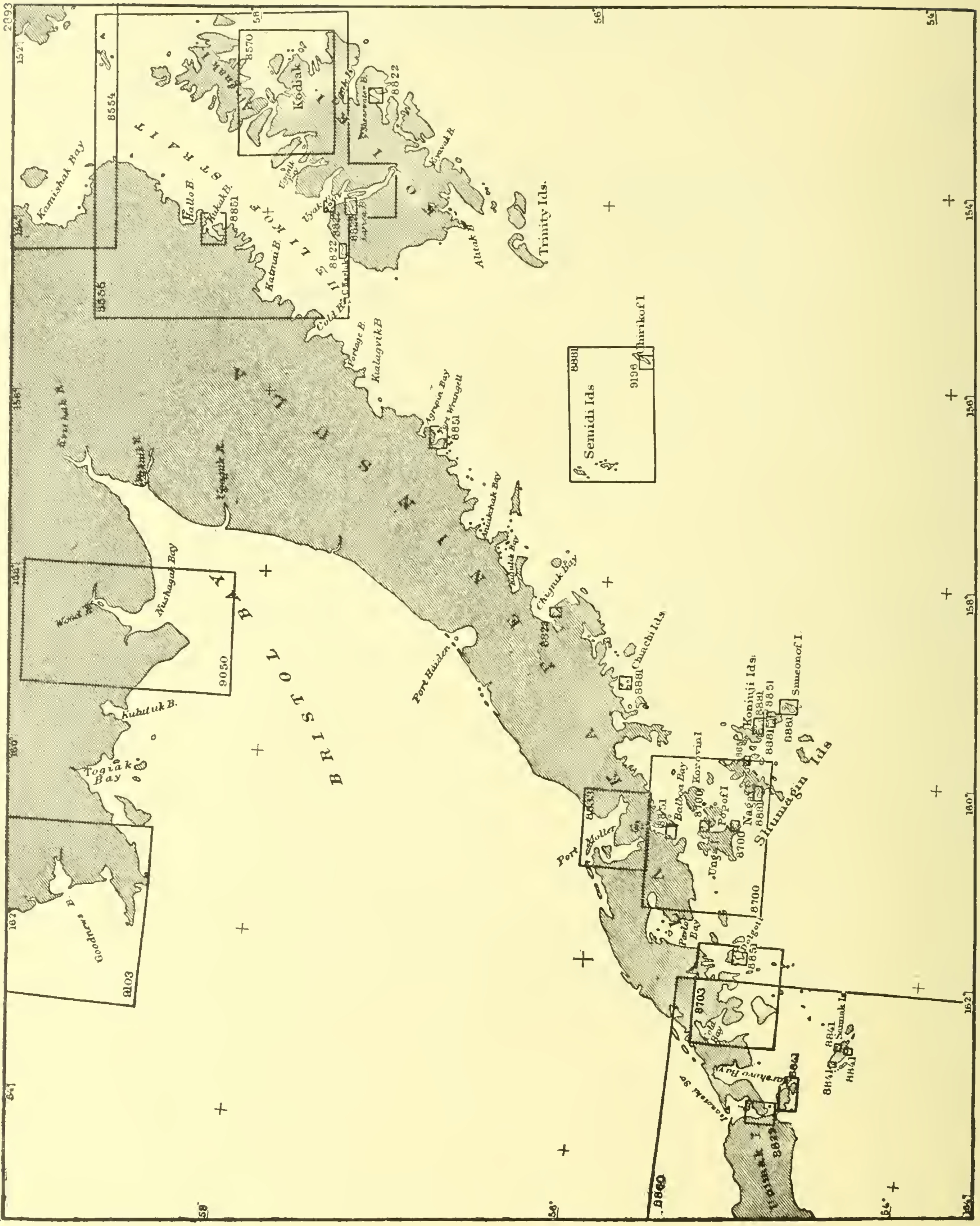
Catalogue number.	TITLE.	Territory.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	General Charts of the Coast and Harbor Charts—Continued.						
8881	Islands and harbors off Alaska Peninsula	Alaska			24 × 27	1913	$0. 20
	Semidi Islands and Chirikof Island		$\frac{1}{400,000}$	0. 18			
	Chiachi Islands		$\frac{1}{17,000}$	4. 29			
	Northeast Harbor, Little Koniuji Island		$\frac{1}{122,000}$	0. 59			
	Northwest and Yukon Harbors, Koniuji Islands.		$\frac{1}{64,000}$	1. 14			
	Simeonof Harbor, Simeonof Island		$\frac{1}{90,000}$	0. 81			
	Falmouth Harbor, Nagai Island		$\frac{1}{65,000}$	1. 12			
8700	Shumagin Islands and Unga Island to Nagai Island		$\frac{1}{100,000}$	0. 73	31 × 40	1917	. 50
	Popof Strait		$\frac{1}{30,000}$				
	Delarof Harbor		$\frac{1}{20,000}$				
8570	Kodiak to Kupreanof Strait	Alaska	$\frac{1}{80,000}$	0. 91	32 × 42	1910	. 50
	Kodiak Harbor		$\frac{1}{10,000}$	7. 30			
8555	Shelikof Strait and Afognak Island	Alaska	$\frac{1}{210,000}$	0. 34	31 × 42	1911	. 50
8703	Dolgoi Island to Deer Island	Alaska	$\frac{1}{80,000}$	0. 91	28 × 36	1917	. 50


BRISTOL BAY
ALASKA PENINSULA
SHELIKOF STRAIT
Afognak I
KODIAK I
Kodiak
Kamishak Bay
Hallo B.
Kukak B.
Katmai B
Cold B.
Portage B
Kialagvik B
Agripina Bay
Port Wrangell
Aniakchak Bay
Chignik Bay
Chiachi Ids.
Semidi Ids
Chirikof I
Trinity Ids.
Alitak B.
Kiavak R
Uyak B
Kvichak R
Naknek R
Ugashik R.
Nushagak Bay
Wood R
Kulukak B.
Togiak Bay
Goodnews B.
Port Heiden
Port Moller
Balboa Bay
Korovin I
Popof I
Unga I
Nagai I
Shumagin Ids
Simeonof I
Koniuji Ids
Pavlof Bay
Cold Bay
Sannak I.
Morzhovoi Bay
Isanotski Str
Unimak I
2893
8554
8555
8570
8822
8851
8881
9196
9050
9103
8852
8700
8703
8841
8843
8860
152°
154°
156°
158°
160°
162°
164°
58°
56°
54°

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

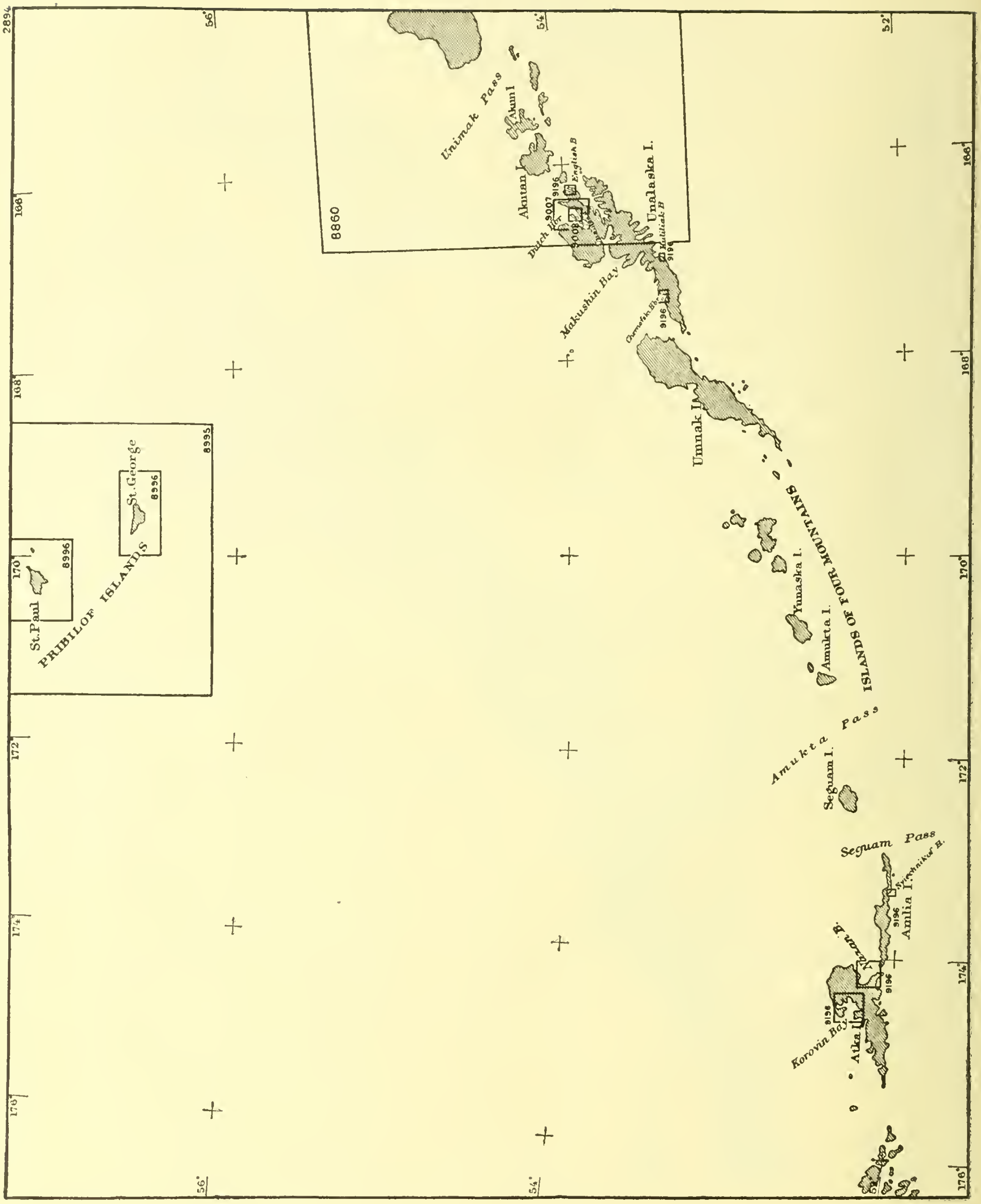
Catalogue number.	TITLE.	Territory.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8822	Bays and anchorages in Alaska, south coast				31 × 38	1912	$0.50
	Uyak Anchorage		$\frac{1}{20,000}$	3.65			
	Larsen Bay		$\frac{1}{20,000}$	3.65			
	Karluk Anchorage		$\frac{1}{20,000}$	3.65			
	Shearwater Bay		$\frac{1}{15,000}$	4.86			
	Isanotski Strait		$\frac{1}{40,000}$	1.82			
	Anchorage and Mud Bays		$\frac{1}{40,000}$	1.82			
8833	Port Moller and Herendeen Bay	Alaska	$\frac{1}{80,000}$	0.91	24 × 28	1917	.25
8841	Harbors and anchorages, Sannak Island and Ikatan Peninsula.	Alaska			20 × 27	1912	.25
	Northeast Harbor, Sannak Island		$\frac{1}{10,000}$	7.30			
	Peterson Bay, Sannak Island		$\frac{1}{20,000}$	3.65			
	Acherk Harbor, Sannak Island		$\frac{1}{10,000}$	7.30			
	East Anchor Cove, Ikatan Peninsula West Anchor Cove, Ikatan Peninsula Dora Harbor, Ikatan Peninsula		$\frac{1}{40,000}$	1.82			


Kamishak Bay
SHELIKOF STRAIT
Kodiak
Hallo B.
Kukak B.
Katmai B.
Uyak B.
Alitak B.
Trinity Ids.
Portage B.
Kalugvik B.
Port Wrangell
Semidi Ids
Chirikof I.
Aniakchak Bay
Chignik Bay
Chiachi Ids
Port Heiden
ALASKA PENINSULA
BRISTOL BAY
Nushagak Bay
Wood R.
Kulukak B.
Togiak Bay
Goodnews B.
Port Moller
Balboa Bay
Korovin I.
Popof I.
Unga I.
Nagai I.
Shumagin Ids
Koniuji Ids.
Simeonof I.
Pavlof Bay
Dolgoi I.
Cold Bay
Morzhovo Bay
Isanotski St.
Sannak I.
Unimak I.
2393
8554
8570
8556
8822
8881
9196
9050
8103
8700
8851
8841
8860
152°
154°
156°
158°
160°
162°
164°
58°
56°
54°

PACIFIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

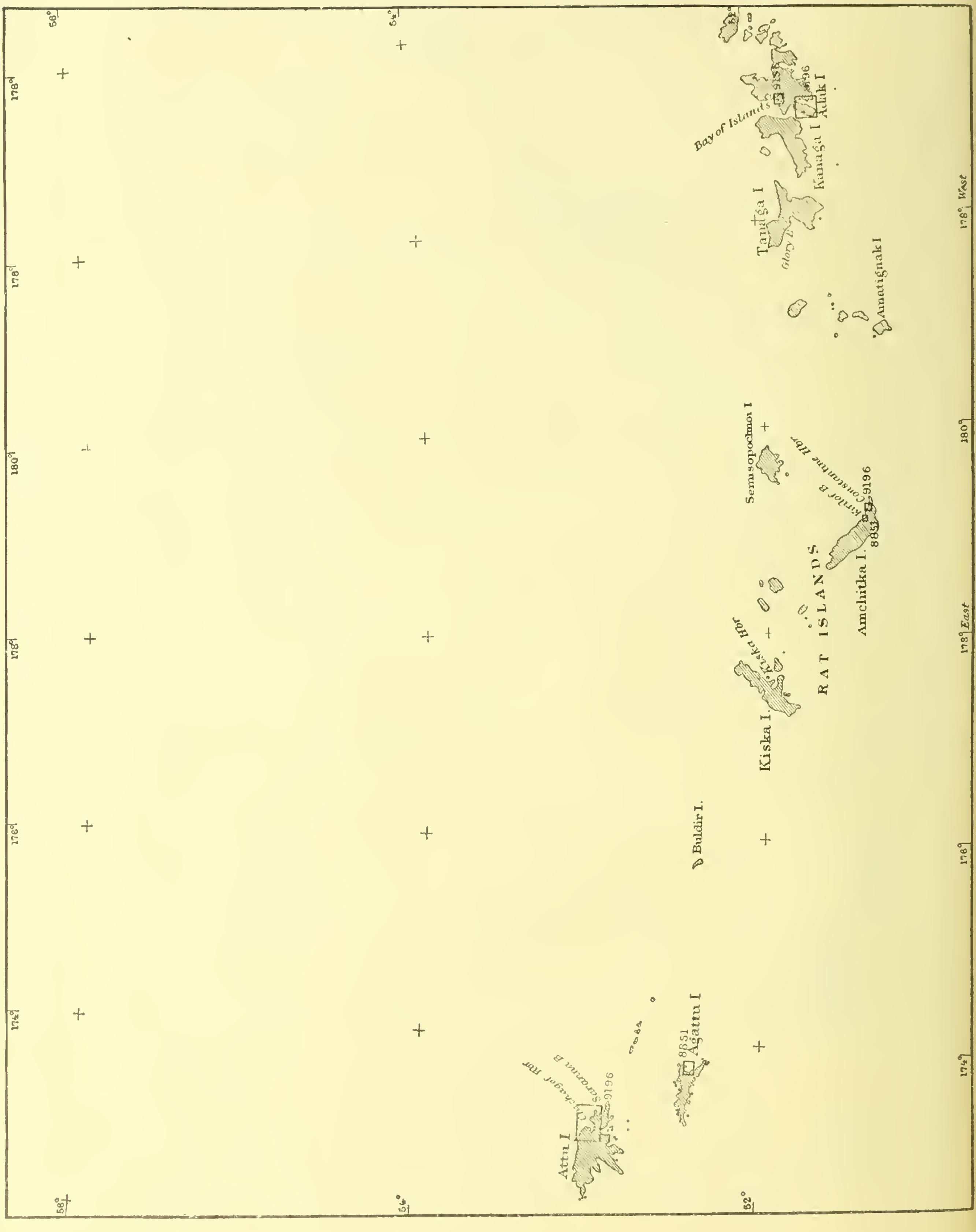
Catalogue number.	TITLE.	Territory.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	General Charts of the Coast and Harbor Charts—Continued.						
8851	Harbors and anchorages, southwestern Alaska				27 × 28	1917	$0.25
	Kukak Bay, Alaska Peninsula		$\frac{1}{100,000}$	0.73			
	Port Wrangell, Alaska Peninsula		$\frac{1}{110,000}$	0.66			
	Balboa Bay, Alaska Peninsula		$\frac{1}{25,000}$	2.92			
	Mist Harbor, Nagai Island		$\frac{1}{6,100}$	11.96			
	Sandy Cove, Little Koniuji Island		$\frac{1}{24,200}$	3.01			
	Dolgoi Harbor, Dolgoi Island		$\frac{1}{40,000}$	1.82			
	Kirilof Bay, Amchitka Island (see page 142)		$\frac{1}{28,000}$	2.61			
	MacDonald Bay, Agattu Island (see page 142).		$\frac{1}{75,000}$	0.97			
	St. Matthew Island, Bering Sea (see page 144).		$\frac{1}{156,000}$	0.47			
9050	Nushagak Bay and approaches	Alaska	$\frac{1}{150,000}$	0.48	23 × 37	1911	.50


2894
56°
54°
52°
166°
168°
170°
172°
174°
176°
Unimak Pass
Akun I
Akutan I.
English B
9196
9007
9008
Dutch Hbr
Unalaska I.
Kalilak B
Makushin Bay
Chernofski Hb.
8860
Umnak I.
ISLANDS OF FOUR MOUNTAINS
Yunaska I.
Amukta I.
Amukta Pass
Seguam I.
Seguam Pass
Amlia I.
Sviechnikof B.
Nazan B.
Korovin Bay
Atka I.
PRIBILOF ISLANDS
St. Paul
St. George
8995
8996

PACIFIC COAST—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

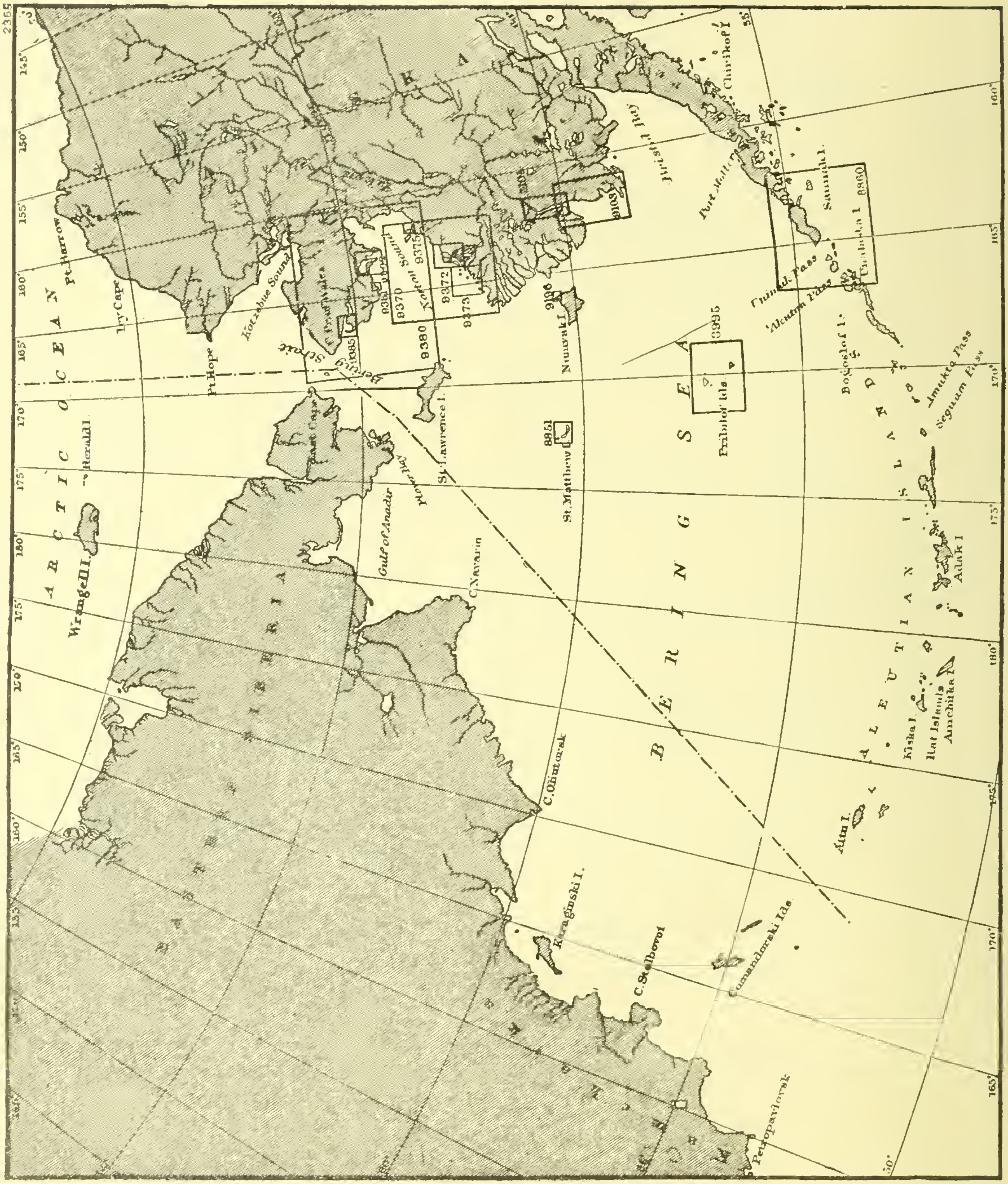
Catalogue number.	TITLE.	Territory.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8995	Pribilof Islands, Bering Sea	Alaska	$\frac{1}{200,000}$	0.36	30 × 36	1910	$0.25
8996	St. Paul and St. George Islands, Pribilof Islands, Bering Sea.	Alaska			30 × 40	1910	.50
	St. Paul Island		$\frac{1}{75,000}$	0.97			
	St. George Island		$\frac{1}{75,000}$	0.97			
9007	Unalaska Bay, Iliuliuk Bay, and Dutch Harbor.	Alaska	$\frac{1}{40,000}$	1.82	21 × 26	1908	.10
9008	Dutch Harbor	Alaska	$\frac{1}{10,000}$	7.30	28 × 33	1915	.25


2896
56°
54°
52°
174°
176°
178°
180°
178° East
178° West
Attu I
Chichagof Hbr
Sarana B
9196
Agattu I
8851
Buldir I.
Kiska I.
Kiska Hbr
RAT ISLANDS
Amchitka I.
8851
9196
Kirilof B
Constantine Hbr
Semisopochnoi I
Amatignak I
Tanaga I
Glory B
Kanaga I
Adak I
Bay of Islands
9196
9196

PACIFIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

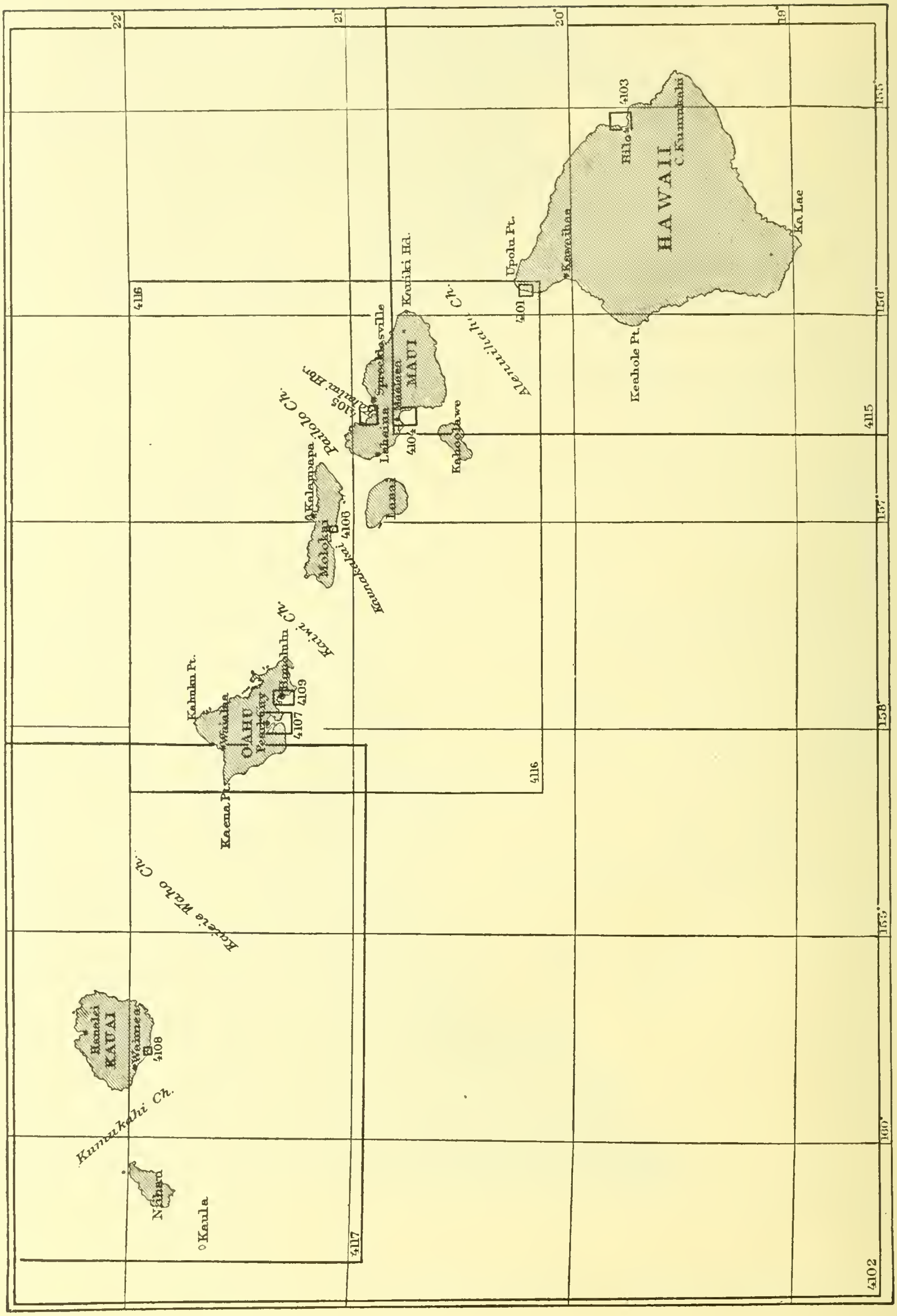
Catalogue number.	TITLE.	Territory.	Scale.		Size of border (inches.)	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	General Charts of the Coast and Harbor Charts—Continued.						
9196	Anchorages and harbors, Aleutian Islands				28 × 33	1907	$0.25
	Southwest Anchorage, Chirikof Island (see page 134).		$\frac{1}{53,600}$	1.36			
	Cape Etolin Anchorage, Nunivak Island (see page 144).		$\frac{1}{31,000}$	2.31			
	English Bay, Unalaska Island (see page 140)		$\frac{1}{20,000}$	3.65			
	Kuliliak Bay, Unalaska Island (see page 140).		$\frac{1}{43,500}$	1.69			
	Chernofski Harbor, Unalaska Island (see page 140).		$\frac{1}{36,000}$	2.03			
	Sviechnikof Harbor, Amlia Island (see page 140).		$\frac{1}{52,000}$	1.40			
	Nazan Bay, Atka Island (see page 140)		$\frac{1}{78,000}$	0.93			
	Korovin Bay, Atka Island (see page 140)		$\frac{1}{194,000}$	0.37			
	Bay of Islands, Adak Island		$\frac{1}{32,000}$	2.28			
	Bay of Waterfalls, Adak Island		$\frac{1}{95,000}$	0.77			
	Constantine Harbor, Amchitka Island		$\frac{1}{43,000}$	1.69			
	Chichagof Harbor, Attu Island		$\frac{1}{19,000}$	3.83			


ARCTIC OCEAN
BERING SEA
SIBERIA
K A
ALEUTIAN ISLANDS
Wrangel I.
Herald I.
Pt. Barrow
Icy Cape
Pt. Hope
Kotzebue Sound
Bering Strait
C. Prince of Wales
East Cape
Norton Sound
St. Lawrence I.
Nunivak I.
St. Matthew
Pribilof Ids
Bristol Bay
Port Moller
Chirikof I.
Sannak I.
Unimak Pass
Akutan Pass
Unalaska I.
Bogoslof I.
Amukta Pass
Seguam Pass
Adak I.
Amchitka I.
Rat Islands
Kiska I.
Attu I.
Komandorski Ids.
C. Stolbovoi
Karaginski I.
C. Olutorsk
C. Navarin
Gulf of Anadir
Plover Bay
Petropavlovsk
9380
9370
9375
9372
9373
9381
9385
9196
9108
8851
3995
8860
2365
145°
150°
155°
160°
165°
170°
175°
180°
175°
170°
165°
160°
55°
60°

PACIFIC COAST—Continued.

GEOGRAPHICAL ARRANGEMENT.

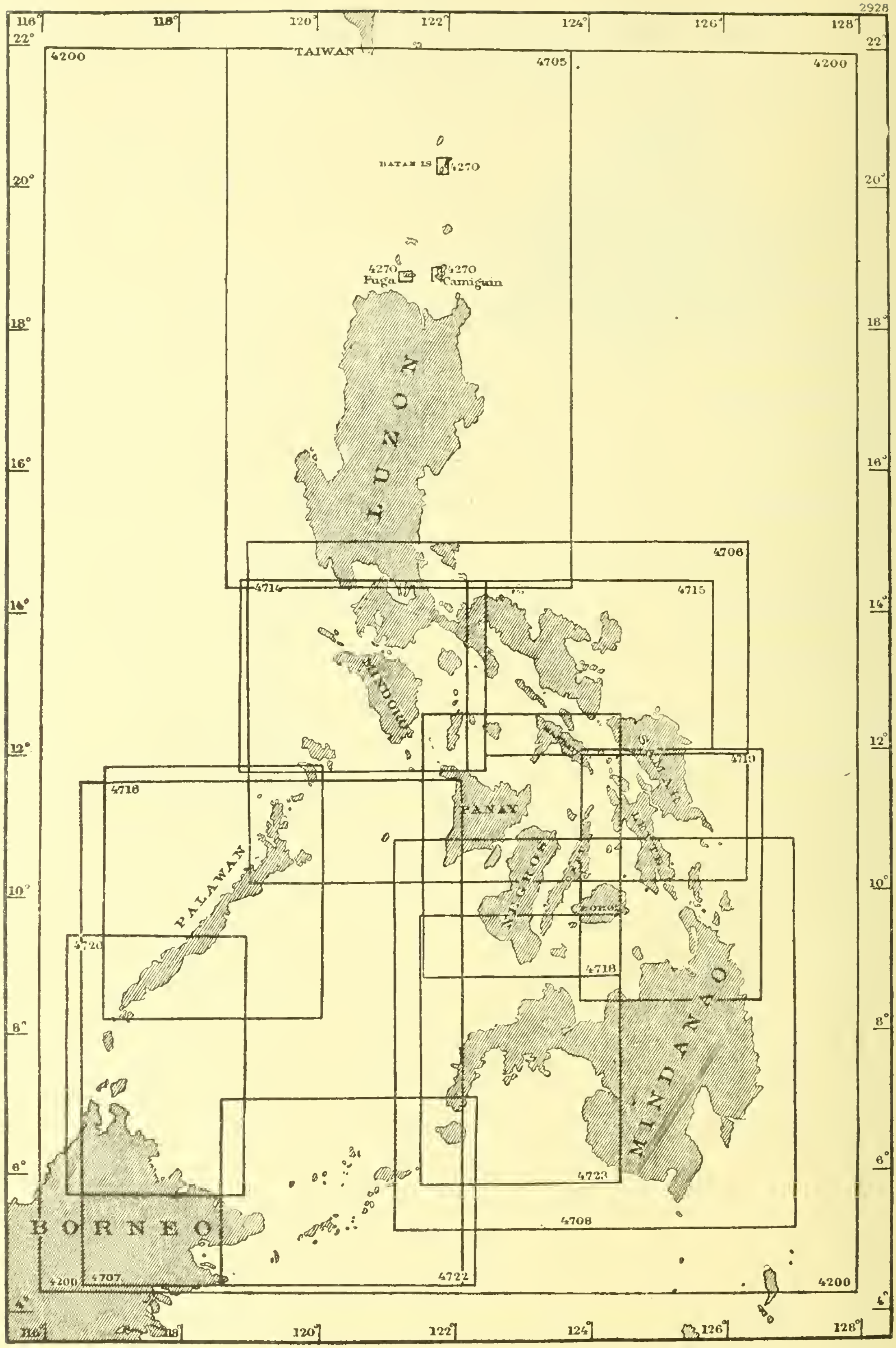
Catalogue number.	TITLE.	Territory.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	General Charts of the Coast and Harbor Charts—Continued.						
8860	Unimak and Akutan Passes and approaches	Alaska	$\frac{1}{300,000}$	0.27	33 × 42	1916	$0.50
9370	Cape Romanzof to St. Michael	Alaska	$\frac{1}{300,000}$	0.27	34 × 36	1901	.50
9372	Yukon River, Apoon Mouth to Head of Passes	Alaska	$\frac{1}{80,000}$	0.91	32 × 38	1914	.25
	Apoon Mouth		$\frac{1}{20,000}$	3.65			
9373	Yukon River, Kwikluak Mouth	Alaska	$\frac{1}{80,000}$	0.91	29 × 39	1901	.25
9375	St. Michael Bay, Norton Sound	Alaska	$\frac{1}{20,000}$	3.65	32 × 38	1901	.50
9380	Norton Sound	Alaska	$\frac{1}{400,000}$	0.18	33 × 41	1914	.50
9382	Golofnin Bay, Norton Sound	Alaska	$\frac{1}{40,000}$	1.82	32 × 39	1903	.50
9381	Port Safety, Norton Sound	Alaska	$\frac{1}{15,000}$	4.86	19 × 21	1905	.25
9385	Port Clarence and Grantley Harbor	Alaska	$\frac{1}{80,000}$	0.91	19 × 27	1912	.25
9103	Kuskokwim Bay		$\frac{1}{200,000}$	0.36	24 × 37	1916	.50
	Goodnews Bay		$\frac{1}{80,000}$	0.91			
9104	Kuskokwim River—Eek Island to Bethel		$\frac{1}{100,000}$	0.73	20 × 37	1916	.30


2574
22°
21°
20°
19°
155°
156°
157°
158°
159°
160°
HAWAII
Hilo
4103
C. Kumukahi
Ka Lae
Upolu Pt.
Kawaihae
4101
Keahole Pt.
Kauiki Hd.
MAUI
Spreckelsville
Lahaina
Maalaea
4105
Kahului Hbr.
4104
Alenuihaha Ch.
Kahoolawe
Lanai
Pailolo Ch.
Kalaupapa
Molokai
4106
Kaiwi Ch.
OAHU
Kahuku Pt.
Waialua
Honolulu
4107
4109
Kaena Pt.
Kaieie Waho Ch.
KAUAI
Hanalei
Waimea
4108
Kumukahi Ch.
Niihau
Kaula
4115
4116
4117
4102

PACIFIC OCEAN—HAWAIIAN AND MARIANAS ISLANDS.

GEOGRAPHICAL ARRANGEMENT.

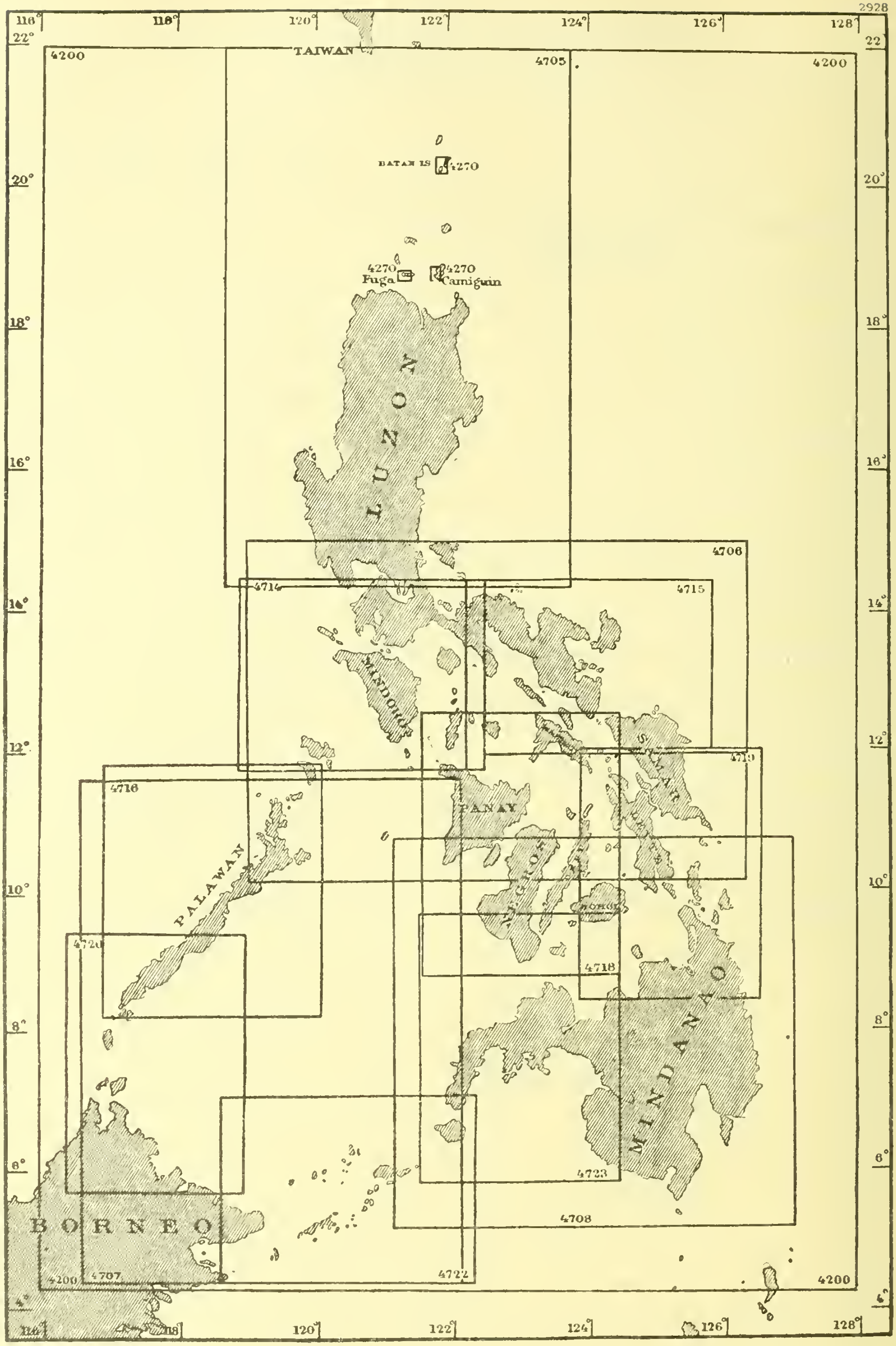
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	SAILING, COAST, AND HARBOR CHARTS.						
4101	Mahukona Harbor and approaches	Hawaii	$\frac{1}{5,000}$	14.59	17 × 23	1910	\$0.20
4117	Hawaiian Islands, Oahu to Niihau	Hawaii	$\frac{1}{250,000}$	0.29	32 × 42	1912	.50
4102	Hawaiian Islands	Hawaii	$\frac{1}{600,000}$	0.12	30 × 44	1917	.50
4103	Hilo Bay	Hawaii	$\frac{1}{10,000}$	7.30	28 × 39	1915	.25
4104	Maalaea Bay	Maui	$\frac{1}{10,000}$	7.30	32 × 40	1915	.25
4105	Kahului Harbor and approaches	Maui	$\frac{1}{10,000}$	7.30	26 × 29	1913	.30
4106	Kaunakakai Harbor	Molokai	$\frac{1}{10,000}$	7.30	15 × 18	1916	.25
4107	Pearl Harbor	Oahu	$\frac{1}{15,000}$	4.86	30 × 34	1915	.25
4108	Hanapepe Bay	Kauai	$\frac{1}{5,000}$	14.59	16 × 17	1910	.25
4109	Honolulu Harbor	Oahu	$\frac{1}{5,000}$	14.59	23 × 35	1916	.50
4115	Hawaii		$\frac{1}{247,000}$	0.29	35 × 39	1916	.50
4116	Hawaii to Oahu		$\frac{1}{247,000}$	0.29	33 × 42	1916	.50
4202	Guam Island, Marianas Islands		$\frac{1}{80,000}$	0.91	29 × 31	1906	.50
	Port Tarofofo	Guam	$\frac{1}{10,500}$	6.95			
	Agaña Bay	Guam	$\frac{1}{28,300}$	2.58			
	Umata Bay	Guam	$\frac{1}{5,330}$	13.69			
	Port San Luis D'Apra	Guam	$\frac{1}{37,500}$	1.95			


2928
116°
118°
120°
122°
124°
126°
128°
22°
20°
18°
16°
14°
12°
10°
8°
6°
4°
TAIWAN
4200
4705
BATAN IS
4270
4270
Fuga
4270
Camiguin
LUZON
4706
4714
4715
MINDORO
4716
4719
PANAY
PALAWAN
SAMAR
LEYTE
NEGROS
BOHOL
4720
4718
MINDANAO
4723
4708
BORNEO
4200
4707
4722
4200

PACIFIC OCEAN—PHILIPPINE ISLANDS.

GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Scale. Average.	Scale. Inches to nautical mile.	Size of border (inches).	Date of last edition.	Price.
	SAILING CHARTS AND GENERAL CHARTS OF THE COAST.					
4200	Philippine Islands	$\frac{1}{1,600,000}$	0.046	33 × 49	1917	$0.50
4705	Manila Bay to Taiwan	$\frac{1}{800,000}$	0.09	28 × 44	1911	.50
4706	Philippine Islands, central part	$\frac{1}{800,000}$	0.09	27 × 40	1917	.50
4708	Philippine Islands, southeastern part	$\frac{1}{800,000}$	0.09	31 × 33	1917	.50
4714	Southwestern Luzon and Mindoro	$\frac{1}{395,000}$	0.18	32 × 39	1916	.50
4715	Southeastern Luzon, Masbate, and northern Samar	$\frac{1}{400,000}$	0.18	30 × 40	1914	.50
4716	Palawan Island	$\frac{1}{400,000}$	0.18	33 × 40	1916	.50
4718	Panay, Negros, and Cebu, with parts of Bohol and Masbate	$\frac{1}{400,000}$	0.18	31 × 41	1917	.50
4719	Surigao Strait and Leyte, with parts of Samar and Mindanao	$\frac{1}{400,000}$	0.18	30 × 40	1915	.50
4720	Balabac Strait and approaches	$\frac{1}{400,000}$	0.18	31 × 41	1917	.50
4722	Sulu Archipelago	$\frac{1}{400,000}$	0.18	30 × 42	1911	.50
4723	Western Mindanao	$\frac{1}{400,000}$	0.18	32 × 43	1912	.50
4707	Philippine Islands—southwestern part	$\frac{1}{800,000}$	0.09	31 × 41	1915	.50


2928
116°
118°
120°
122°
124°
126°
128°
22°
20°
18°
16°
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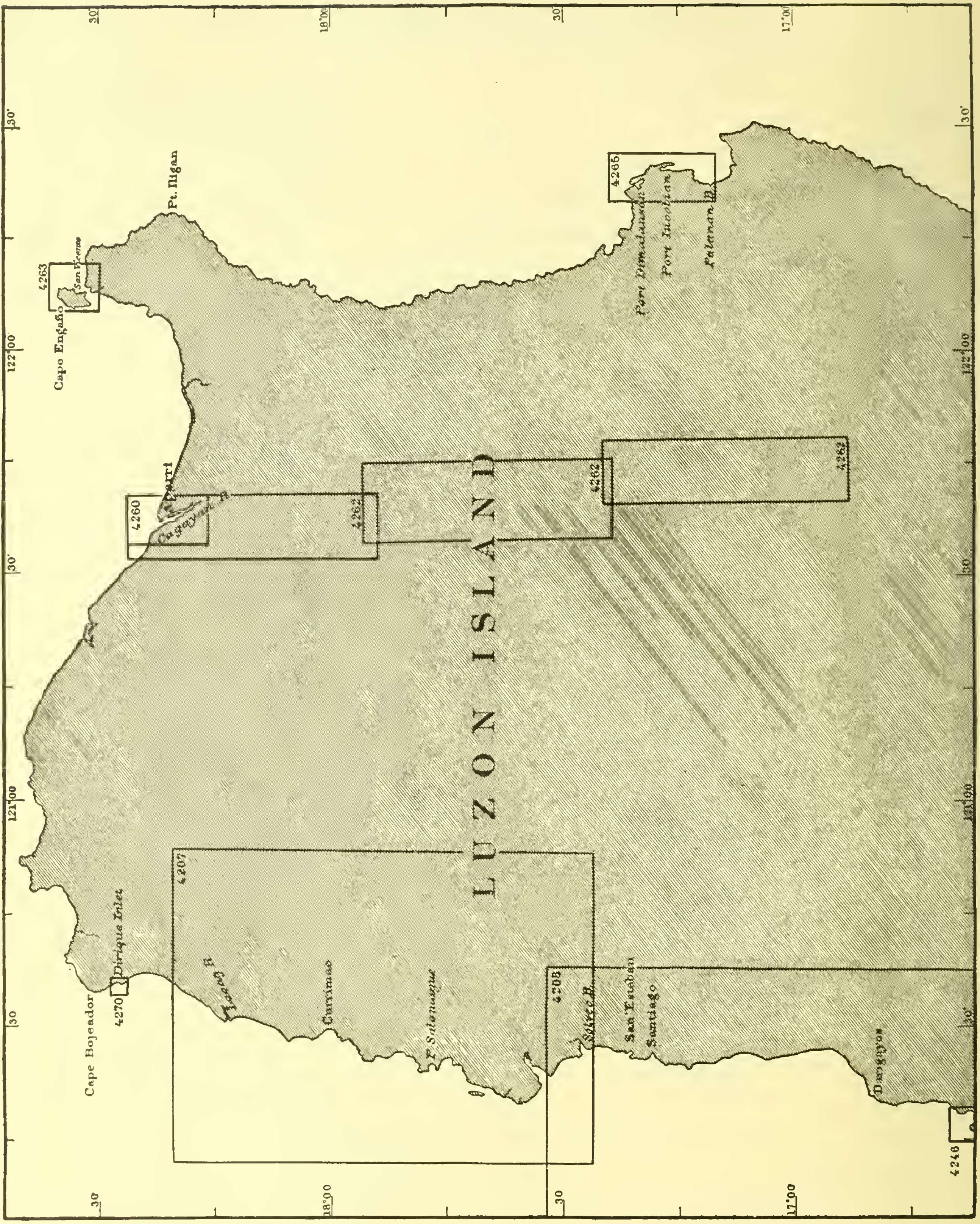
12°
10°
8°
6°
4°
TAIWAN
4200
4705
BATAN IS
4270
Fuga
Camiguin
LUZON
4706
4714
4715
MINDORO
SAMAR
4719
PANAY
LEYTE
4716
PALAWAN
NEGROS
CEBU
BOHOL
4718
4720
MINDANAO
4723
4708
BORNEO
4707
4722

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

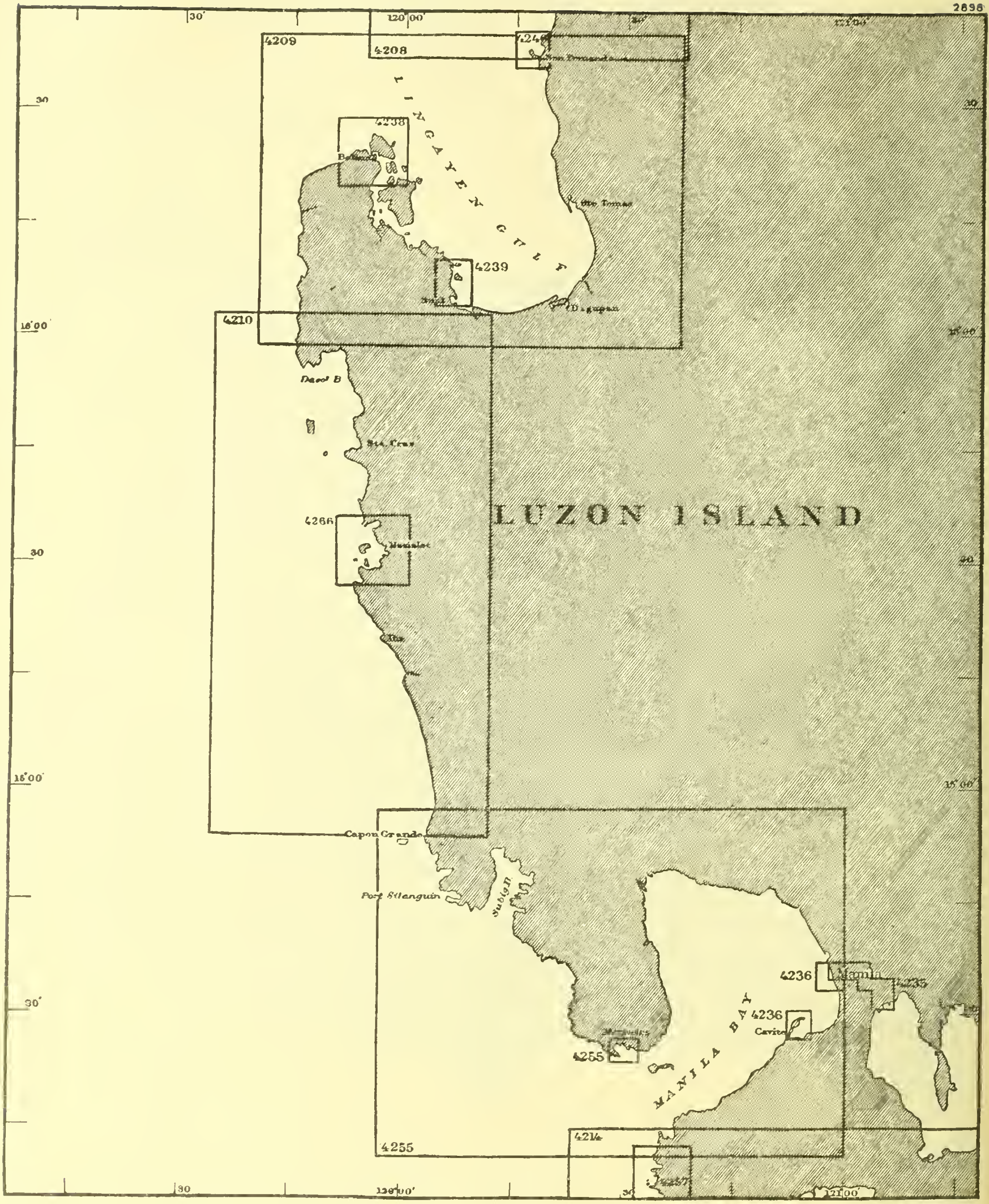
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS.						
4270	Harbors of Batan and Babuyan Islands and northern Luzon.				23 × 24	1908	$0. 30
	Part of Batan Islands		$\frac{1}{40,000}$	1. 82			
	Port San Pio Quinto	Camiguin	$\frac{1}{60,000}$	1. 22			
	Musa Bay	Babuyan	$\frac{1}{30,000}$	2. 43			
	Dirique Inlet	Luzon	$\frac{1}{10,000}$	7. 30			


2837
LUZON ISLAND
Cape Bojeador
4270
Dirique Inlet
4207
Laoag R.
Currimao
P. Salomague
4208
Solvec R.
San Esteban
Santiago
Darigayos
4246
Capo Engaño
San Vicente
4263
Pt. Iligan
Aparri
4260
Cagayan R.
4262
4262
4262
4265
Port Dimalansan
Port Lucoban
Palanan B.
121°00
122°00
18°00
17°00
30
30'

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

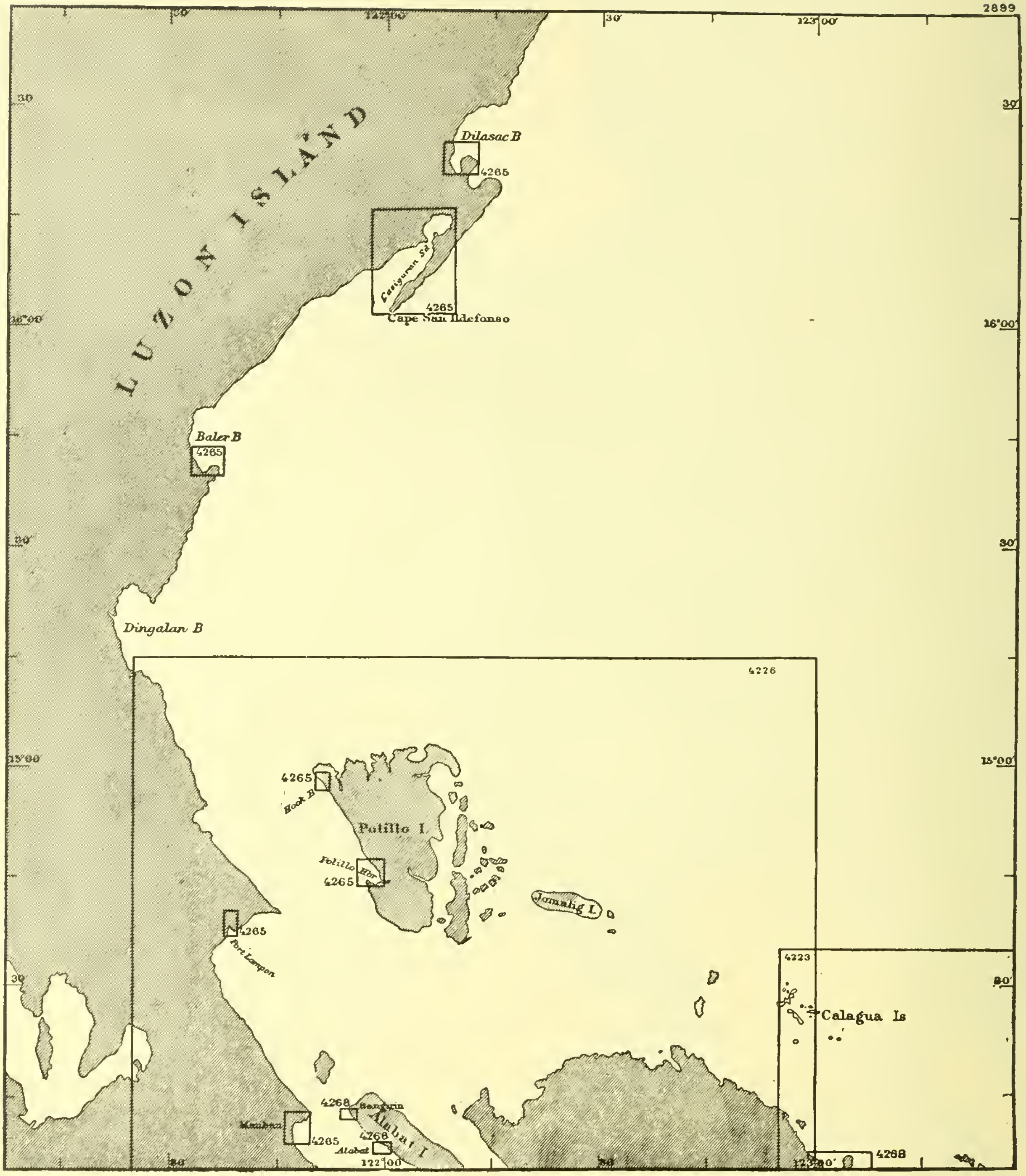
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4263	Port San Vicente and vicinity	Luzon	$\frac{1}{20,000}$	3.65	25 × 27	1916	$0.20
4260	Aparri Anchorage and part of Cagayan River	Luzon	$\frac{1}{25,000}$	2.92	20 × 33	1916	.30
4262	Cagayan River	Luzon	$\frac{1}{80,000}$	0.91	24 × 30	1903	.30
4207	Laoag to Vigan	Luzon	$\frac{1}{100,000}$	0.73	31 × 41	1906	.40
	Port Currimao and Gan Bay		$\frac{1}{20,000}$	3.65			
	Salomague Harbor and Lapog Bay		$\frac{1}{20,000}$	3.65			
4208	Solvec Cove to San Fernando	Luzon	$\frac{1}{100,000}$	0.73	31 × 42	1906	.40
	Solvec Cove		$\frac{1}{10,000}$	7.30			
	San Esteban and Nalvo Bay		$\frac{1}{20,000}$	3.65			
	Santiago Cove		$\frac{1}{10,000}$	7.30			
	Darigayos Inlet		$\frac{1}{10,000}$	7.30			


2898
30'
120°00'
30'
121°00'
30
16°00'
30
15°00'
30'
4209
4208
4240
San Fernando
LINGAYEN GULF
4238
Bolinao
Sto. Tomas
4239
Dagupan
4210
Dasol B.
Sta. Cruz
4266
Masinloc
LUZON ISLAND
Iba
Capon Grande
Port Silanguin
Subig B.
4236
Manila
4235
4236
Cavite
MANILA BAY
4255
4255
4214
4257
30
120°00'
121°00'

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT

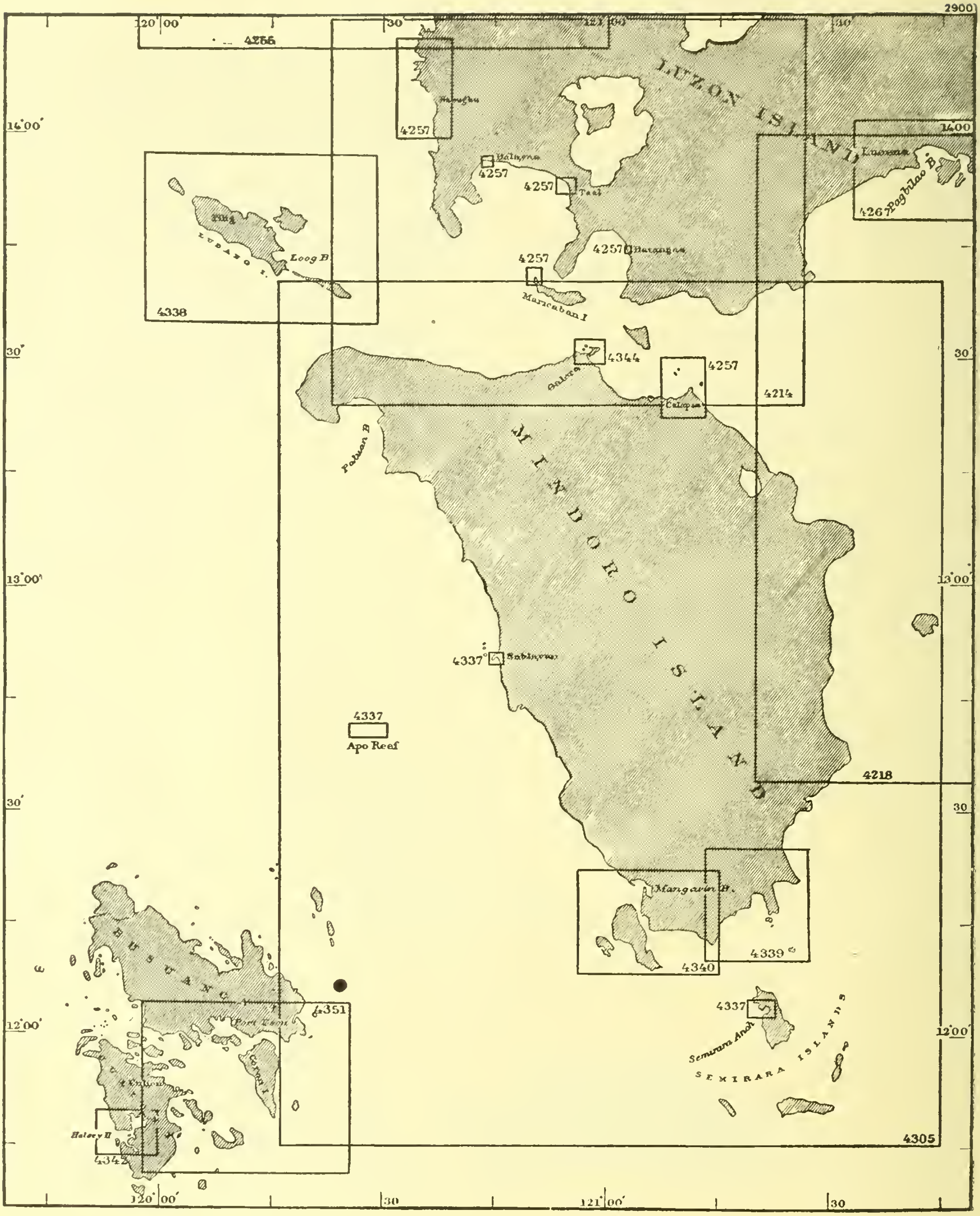
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4246	San Fernando Harbor	Luzon	$\frac{1}{15,000}$	4.86	25 × 28	1906	$0.20
4209	Lingayen Gulf	Luzon	$\frac{1}{100,000}$	0.73	31 × 42	1912	.40
	Dagupan		$\frac{1}{20,000}$	3.65			
4239	Port Sual to Comas Island	Luzon	$\frac{1}{15,000}$	4.86	23 × 38	1904	.30
4238	Bolinao Harbor and approaches	Luzon	$\frac{1}{20,000}$	3.65	35 × 36	1912	.40
4210	Capones Island to Dasol Bay	Luzon	$\frac{1}{125,000}$	0.60	24 × 41	1915	.40
	Santa Cruz Inner Harbor		$\frac{1}{30,000}$	2.43			
	Iba Anchorage		$\frac{1}{30,000}$	2.43			
4266	Ports Masinloc and Matalvi and Palauig Bay	Luzon	$\frac{1}{25,000}$	2.92	29 × 32	1907	.30
4235	Pasig River	Luzon	$\frac{1}{10,000}$	7.30	26 × 42	1913	.30
4236	Manila and Cavite Harbors	Luzon			21 × 35	1913	.30
	Manila Harbor		$\frac{1}{10,000}$	7.30			
	Cavite Harbor		$\frac{1}{10,000}$	7.30			
4255	Manila Bay and Coast of Luzon to Capones Islands.	Luzon	$\frac{1}{125,000}$	0.60	27 × 37	1916	.40
	Mariveles Harbor		$\frac{1}{20,000}$	7.30			


2899
30'
122°00'
30'
123°00'
30'
30'
LUZON ISLAND
Dilasac B
4265
Casiguran Sd
4265
Cape San Ildefonso
16°00'
16°00'
Baler B
4265
30'
30'
Dingalan B
4226
15°00'
15°00'
4265
Hook B
Polillo I.
Polillo Hbr
4265
Jomalig I.
4265
Port Lampon
4223
30'
30'
Calagua Is
4268
Sangirin
Mauban
4265
Alabat I
4268
Alabat
30'
122°00'
30'
123°00'
4268

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

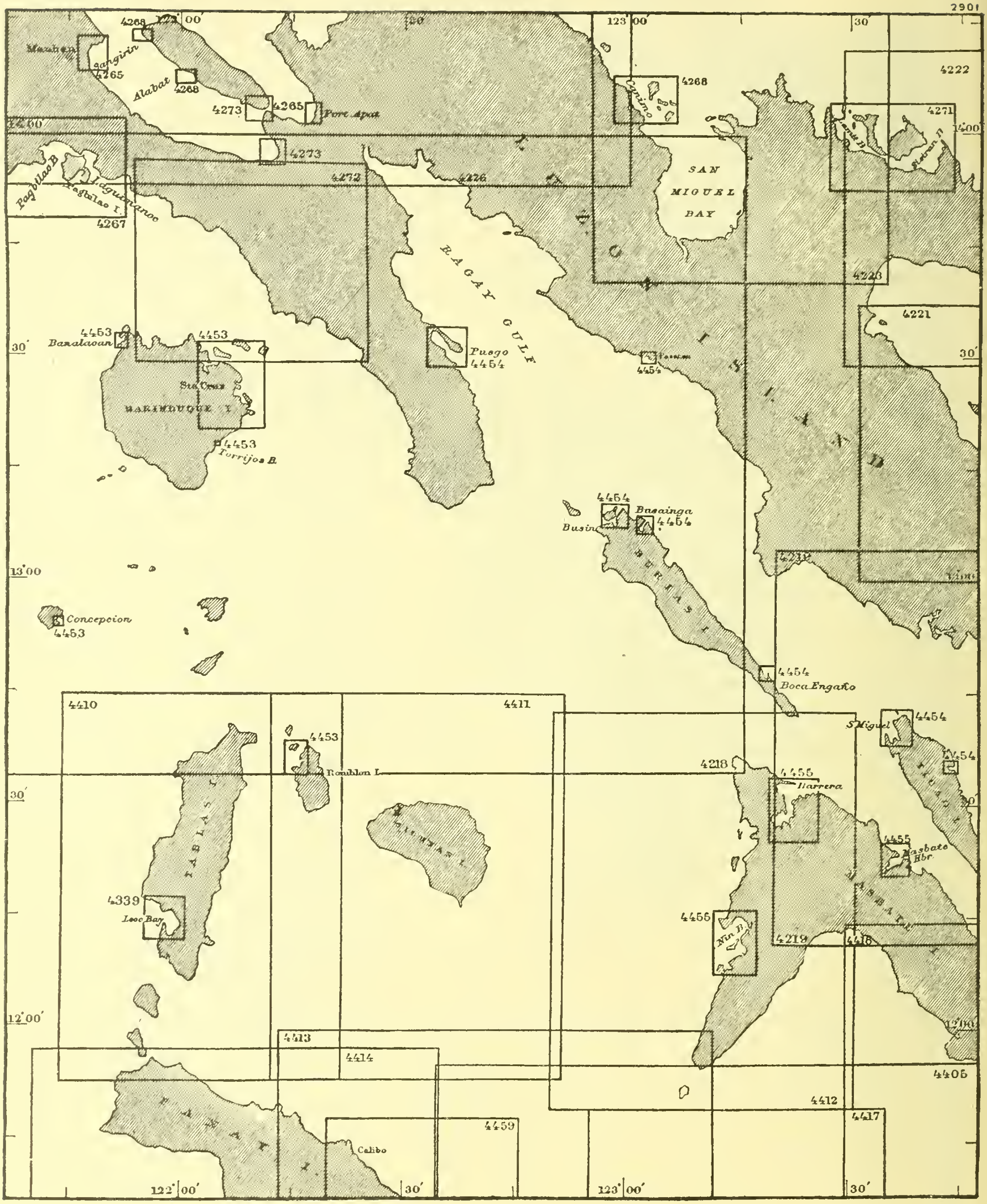
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4265	Harbors on east coast of Luzon	Luzon			25 × 36	1909	$0.30
	Port Dimalansan and Port Bicobian (see page 152).		$\frac{1}{60,000}$	1.22			
	West Dilasac Bay		$\frac{1}{50,000}$	1.46			
	Casiguran Bay		$\frac{1}{80,000}$	0.91			
	Baler Bay		$\frac{1}{50,000}$	1.46			
	Hook Bay		$\frac{1}{20,000}$	3.65			
	Polillo Harbor		$\frac{1}{30,000}$	2.43			
	Port Lampon		$\frac{1}{20,000}$	3.65			
	Mauban Anchorage		$\frac{1}{20,000}$	3.65			
	Port Apat, Caloag Bay (see page 160)		$\frac{1}{20,000}$	3.65			
4226	Lamon Bay and Polillo Island		$\frac{1}{200,000}$	0.36	31 × 35	1912	.50


2900
120° 00′
30
121° 00′
30
4256
4257
Nasugbu
Balayan
4257
4257
Taal
4257
Batangas
4257
LUZON ISLAND
1400
Lucena
Pagbilao B.
4267
14°00′
4338
Tilik
LUBANG I.
Loog B.
Marricaban I.
4344
Galera
4257
Calapan
4214
30′
30′
Paluan B.
MINDORO ISLAND
13°00′
13°00′
4337
Sablayan
4337
Apo Reef
4218
30′
30
Mangarin B.
4340
4339
4337
Semirara Anch.
SEMIRARA ISLANDS
12°00′
12°00′
4305
BUSUANGA
4351
Port Uson
Coron I.
Culion
Halsey H.
4342
120° 00′
30
121° 00′
30

PACIFIC OCEAN—PHILIPPINE ISLANDS—Continued.

GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
4214	Verde Island Passage		$\frac{1}{125,000}$	0.58	31 × 37	1915	$0.40
4305	Mindoro and vicinity		$\frac{1}{200,000}$	0.36	33 × 43	1914	.50
4351	Coron Bay	Calamian Group.	$\frac{1}{50,000}$	1.46	33 × 41	1916	.40
	Culion Landing		$\frac{1}{20,000}$				
4344	Port Galera and Varadero Bay	Mindoro	$\frac{1}{10,000}$	7.30	29 × 35	1910	.30
4340	Mangarin and Pandarochan Bays	Mindoro	$\frac{1}{40,000}$	1.58	26 × 30	1911	.30
4342	Halsey Harbor	Culion	$\frac{1}{20,000}$	3.65	23 × 32	1906	.30
4257	Anchorages, vicinity of Verde Island Passage				28 × 36	1907	.30
	Nasugbu and Jamelo Cove	Luzon	$\frac{1}{50,000}$	1.46			
	Balayan, Balayan Bay	Luzon	$\frac{1}{10,000}$	7.30			
	Taal and Lemery, Balayan Bay	Luzon	$\frac{1}{10,000}$	7.30			
	Batangas, Batangas Bay	Luzon	$\frac{1}{15,000}$	4.86			
	Port Maricaban, Verde Island Passage	Maricaban	$\frac{1}{10,000}$	7.30			
	Calapan, Verde Island Passage	Mindoro	$\frac{1}{40,000}$	1.82			
4337	Anchorages west and south of Mindoro	Mindoro			28 × 36	1916	.30
	Apo Reef		$\frac{1}{20,000}$				
	Sablayan Anchorage and Pandan Bay		$\frac{1}{20,000}$				
	Semerara Anchorage		$\frac{1}{20,000}$				
4338	Lubang Islands		$\frac{1}{60,000}$	1.22	28 × 38	1914	.30
	Golo Pass		$\frac{1}{20,000}$	3.65			
4339	Anchorages in southeastern Mindoro and Tablas Island.	Mindoro	$\frac{1}{40,000}$	1.82	25 × 37	1912	.30
	Looc Bay	Tablas	$\frac{1}{40,000}$	1.82			
	Lagara Cove	Mindoro	$\frac{1}{20,000}$	3.65			


2901
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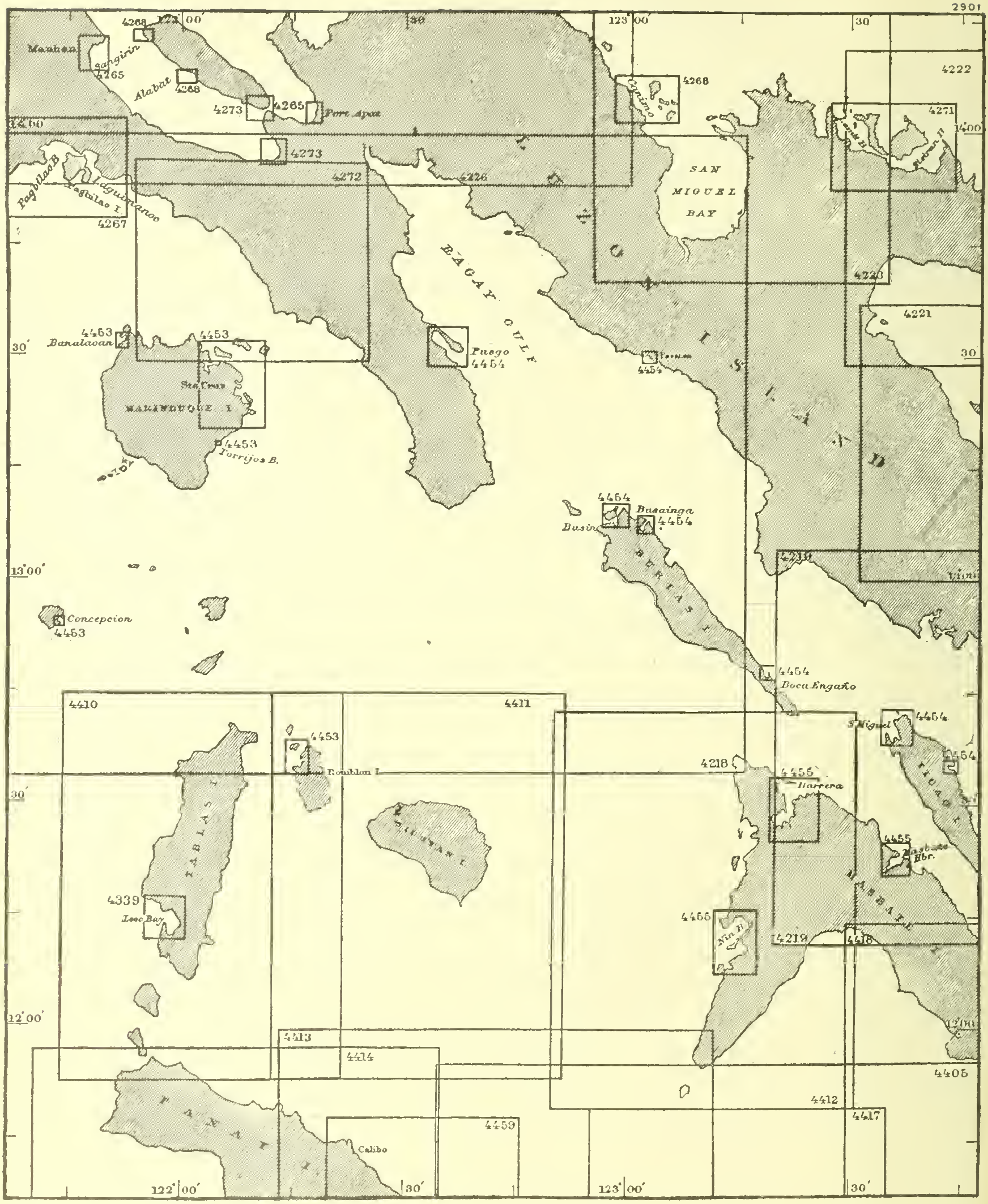
Mauban
Gangirin
4265
4268
Alabat
4268
4273
4265
Port Apat
4273
4272
4226
Pagbilao B.
Laguimanoc
Pagbilao I.
4267
4268
Caramoan
4222
4271
SAN MIGUEL BAY
4223
4221
L U Z O N I S L A N D
RAGAY GULF
Pusgo
4454
4454
4453
Banalacan
4453
Sta Cruz
MARINDUQUE I.
4453
Torrijos B.
Concepcion
4453
4454
Basainga
4454
Busin
BURIAS I.
4219
4454
Boca Engaño
S. Miguel
4454
4454
TICAO I.
4218
4455
Barrera
4455
Masbate Hbr.
MASBATE I.
4456
Nin B.
4219
4418
4405
4410
4411
4453
Romblon I.
TABLAS I.
SIBUYAN I.
4339
Looc Bay
4413
4414
4459
Calibo
PANAY I.
4412
4417

PACIFIC OCEAN—PHILIPPINE ISLANDS—Continued.

GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
4453	Harbors of Marinduque Island and vicinity				29 × 37	1913	$0.30
	Port Balanacan, northeast coast	Marinduque	$\frac{1}{10,000}$	7.30			
	Santa Cruz Harbor and Masagasai Bay, northeast coast.	Marinduque	$\frac{1}{30,000}$	2.43			
	Torrijos Bay, east coast	Marinduque	$\frac{1}{5,000}$	14.59			
	Port Concepcion	Maestro de Campo.	$\frac{1}{10,000}$	7.30			
	Romblon Harbor	Romblon	$\frac{1}{10,000}$	7.30			
4454	Harbors on Burias and Ticao Islands and Ragay Gulf.				27 × 31	1914	.30
	Port Pusgo, Ragay Gulf	Luzon	$\frac{1}{30,000}$	2.43			
	Pasacao Anchorage, Ragay Gulf	Luzon	$\frac{1}{20,000}$	3.65			
	Port Busin, north coast	Burias	$\frac{1}{20,000}$	3.65			
	Port Busainga, northeast coast	Burias	$\frac{1}{15,000}$	4.86			
	Port Boca Engaño, southeast coast	Burias	$\frac{1}{10,000}$	7.30			
	Port San Miguel, north coast	Ticao	$\frac{1}{30,000}$	2.43			
	San Jacinto, east coast	Ticao	$\frac{1}{20,000}$	3.65			
4267	Lucena Anchorage, Pagbilao and Laguimanoc Bays (see also page 158).	Luzon	$\frac{1}{40,000}$	1.82	25 × 35	1907	.30
4410	Tablas Island and vicinity		$\frac{1}{100,000}$	0.73	28 × 38	1913	.40
4411	Sibuyan and Romblon Islands		$\frac{1}{100,000}$	0.73	29 × 39	1914	.40
4412	Western Masbate		$\frac{1}{100,000}$	0.73	30 × 40	1917	.40
4414	Northwestern Panay		$\frac{1}{100,000}$	0.73	33 × 40	1917	.40


2901
122 00'
30'
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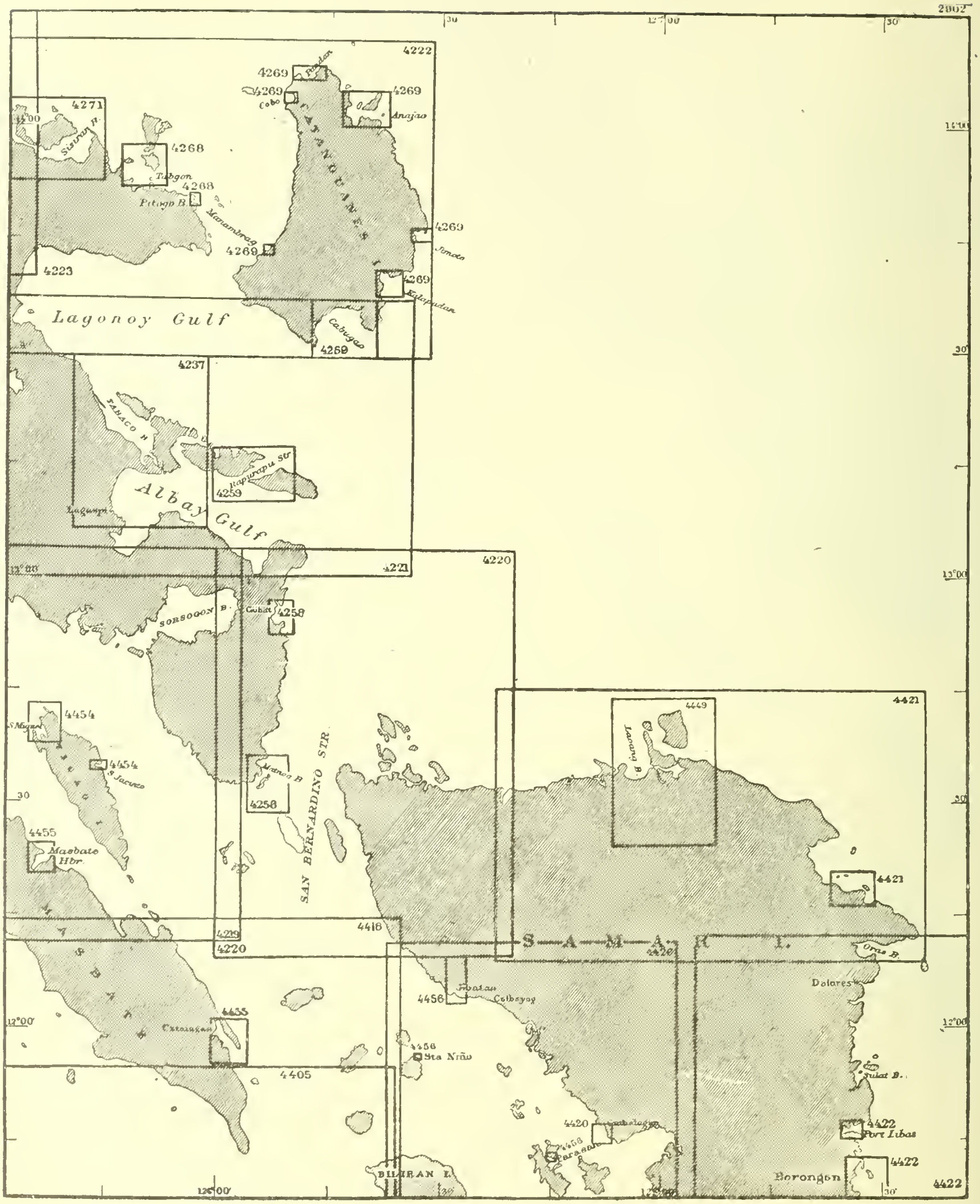
Mauban
gangirin
4265
4268
Alabat
4268
4273
4265
Port Apat
4273
Pagbilao B
Pagbilao I
Laguimanoc
4267
4272
4226
4268
Cantino
4222
4271
1400
SAN
MIGUEL
BAY
4223
4221
BAGAY GULF
Puego
4454
4453
Banalacan
4453
Ste Cruz
MARINDUQUE I
4453
Torrijos B.
4454
4454
Busainga
Busin
4454
BURIAS I
4219
Concepcion
4453
4454
Boca Engaño
4410
4411
4453
Romblon I
TABLAS I
SIBUYAN I
4339
Looc Bay
4218
4455
Barrera
S Miguel
4454
TICAO I
4454
4455
Masbate Hbr.
MASBATE I
4455
Nin B
4219
4418
4413
4414
4405
4412
4417
4459
PANAY I
Calibo

PACIFIC OCEAN—PHILIPPINE ISLANDS—Continued.

GEOGRAPHICAL ARRANGEMENT.

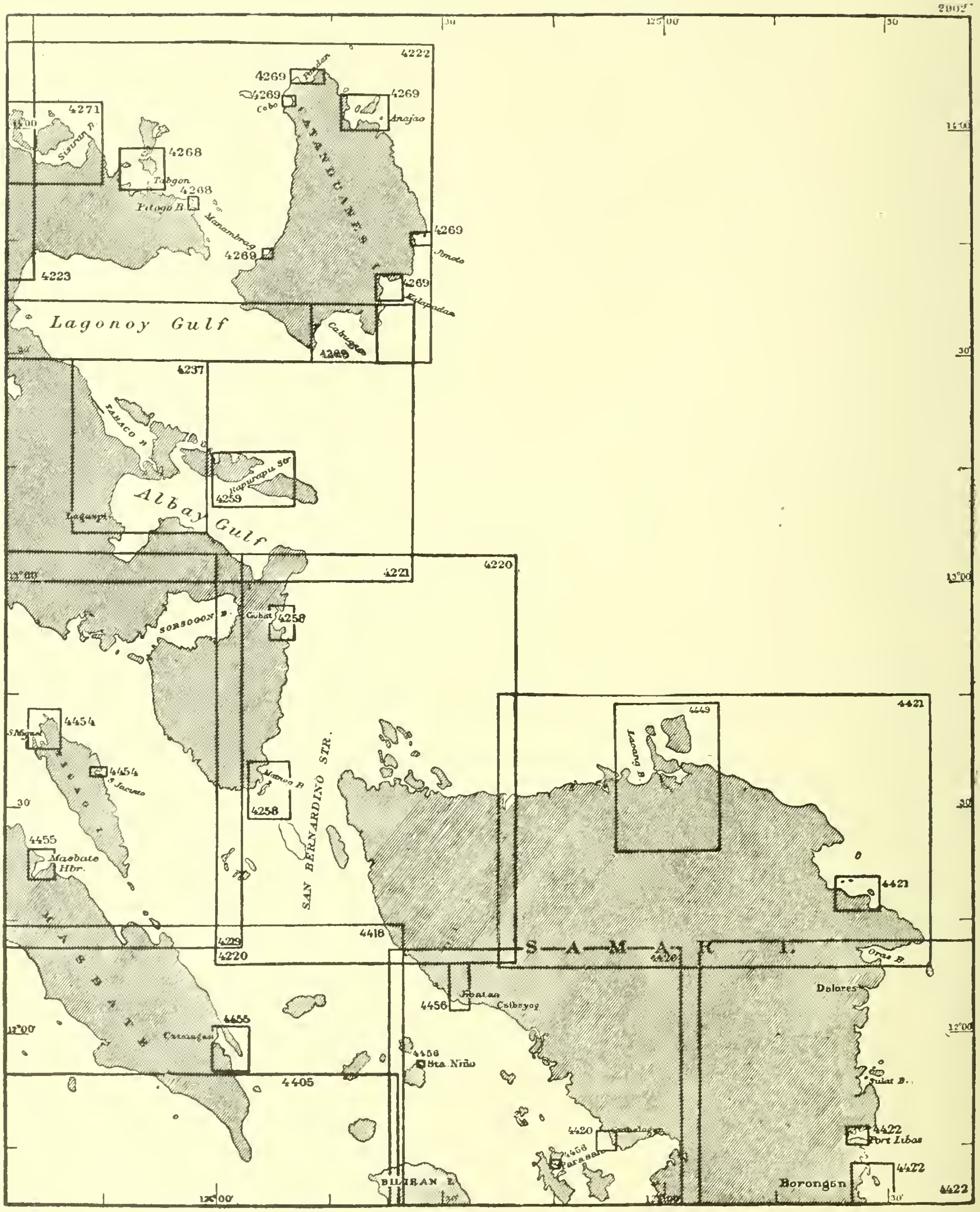
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
4455	Harbors on coast of Masbate	------	------	------	28 × 37	1917	$0.30
	Port Barrera, north coast	------	$\frac{1}{30,000}$	2.43	------	------	------
	Masabate Harbor, northeast coast (see page 164).	------	$\frac{1}{20,000}$	3.65	------	------	------
	Port Cataingan, southeast coast (see page 164).	------	$\frac{1}{30,000}$	2.43	------	------	------
	Nin Bay, west coast	------	$\frac{1}{30,000}$	2.43	------	------	------
4223	San Miguel and Lamit Bays (see also page 156)	Luzon	$\frac{1}{100,000}$	0.73	29 × 41	1913	.40
4268	Harbors from Alabat to Pitogo Bay	------	------	------	26 × 30	1909	.30
	Port Alabat, southwest coast	Alabat	$\frac{1}{20,000}$	3.65	------	------	------
	Sangirin Bay, northwest coast	Alabat	$\frac{1}{20,000}$	3.65	------	------	------
	Tabgon Anchorage, east coast (see page 166).	Luzon	$\frac{1}{30,000}$	2.43	------	------	------
	Canimo Pass and Mercedes, east coast	Luzon	$\frac{1}{25,000}$	2.92	------	------	------
	Pitogo Bay, east coast (see page 166)	Luzon	$\frac{1}{15,000}$	4.86	------	------	------
4271	Lamit and Sisiran Bays	Luzon	$\frac{1}{30,000}$	2.43	30 × 41	1909	.30
4272	Unisan to Mulanay and northern part Marinduque.	Luzon and Marinduque.	$\frac{1}{70,000}$	1.04	28 × 38	1910	.30
4218	Ragay Gulf to Tayabas Bay	Luzon	$\frac{1}{200,000}$	3.65	32 × 42	1913	.50
4273	Silangan Pass and Hondagua Harbor	Luzon	$\frac{1}{20,000}$	3.65	17 × 32	1913	.20


2002
4222
4269
4269
Cobo
4269
Anajao
4271
14°00
Sisiran B.
4268
Tabgon
4268
Pitogo B.
Manambrag
4269
CATANDUANES I.
4269
Jondo
4269
Kalapadan
4223
Lagonoy Gulf
Cabugao
4269
4237
TABACO H.
Rapurapu Str.
4259
Legaspi
Albay Gulf
4220
4221
13°00
SORSOGON B.
Gubat
4258
4454
S. Miguel
4454
S. Jacinto
30
4455
Masbate Hbr.
4449
Laoang B.
4421
4421
Manoo B.
4258
SAN BERNARDINO STR.
4219
4220
4418
S A M A R I.
4420
Oras B.
Dolores
4456
Catbalogan
12°00
Cataingan
4455
4405
4456
Sta Niño
Sulat B.
4420
Catbalogan
4458
Paranas
4422
Port Libas
4422
Borongan
4422
BILIRAN I.
125°00
30
126°00
30

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

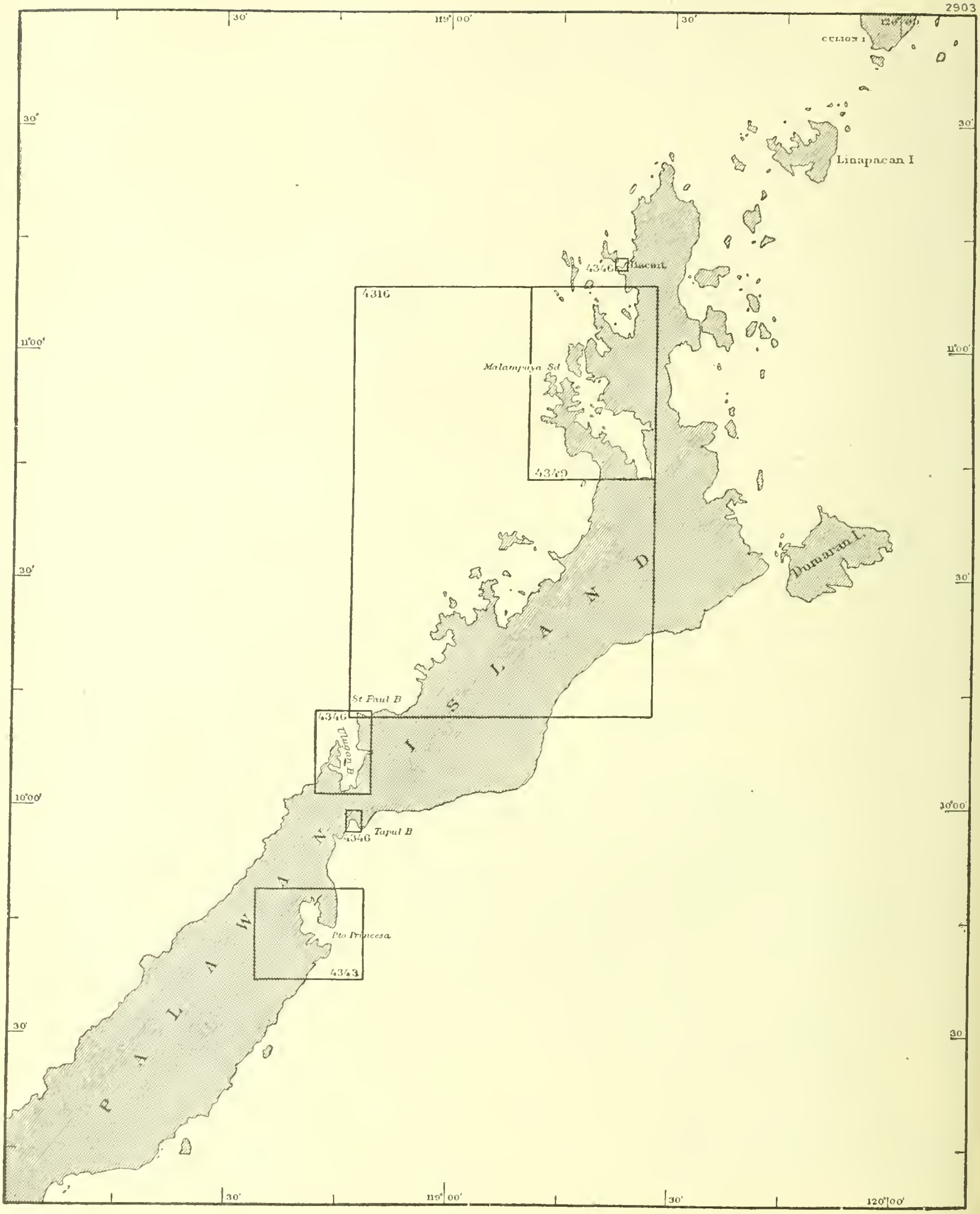
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4222	Lagonoy Gulf to Sisiran Bay (see also page 162)	Luzon	$\frac{1}{100,000}$	0.73	32 × 43	1909	$0.40
4221	Albay Gulf and part of Lagonoy Gulf (see also page 162).	Luzon	$\frac{1}{100,000}$	0.73	27 × 40	1911	.50
4237	Tabaco Bay to Legaspi	Luzon	$\frac{1}{40,000}$	1.82	32 × 41	1908	.30
4259	Rapurapu Strait and Calanaga Bay	Batan and Rapurapu.	$\frac{1}{30,000}$	2.43	23 × 31	1906	.30
4219	Passages between Luzon and Masbate, and Sorsogon Bay (see also page 162).	....	$\frac{1}{100,000}$	0.73	32 × 39	1910	.40
4258	Matnog Bay and Ticlin Strait	Luzon	$\frac{1}{30,000}$	2.43	18 × 26	1916	.20
	Port Gubat	Luzon	$\frac{1}{20,000}$	3.65			
4220	San Bernardino Strait	Luzon and Samar.	$\frac{1}{100,000}$	0.73	30 × 41	1917	.40
	Biri Anchorage	....	$\frac{1}{20,000}$	......	......	......	......
	Mano River	....	$\frac{1}{10,000}$	......	......	......	......
4449	Port Palapag and Laoang Bay	Samar	$\frac{1}{40,000}$	1.82	32 × 33	1911	.30
4418	Southeast Masbate (see also pages 162 and 164)	....	$\frac{1}{100,000}$	0.73	30 × 41	1915	.40
4420	Calbayog to Tacloban (see also page 176)	Samar and Leyte.	$\frac{1}{100,000}$	0.73	29 × 42	1914	.40
	Catbalogan Harbor	....	$\frac{1}{35,000}$	......	......	......	......
4421	Catarman to Oras Bay	Samar	$\frac{1}{100,000}$	0.73	30 × 42	1908	.40
	Helm Harbor and Ramon Bay	....	$\frac{1}{25,000}$	2.90	......	......	......
4422	Oras Bay to Matarinao Bay (see also page 176)	Samar	$\frac{1}{100,000}$	0.73	29 × 41	1908	.40
	Port Libas	....	$\frac{1}{30,000}$	2.43	......	......	......
	Port Borongan	....	$\frac{1}{30,000}$	2.43	......	......	......
	Llorente and vicinity	....	$\frac{1}{30,000}$	2.43	......	......	......


4222
4269
Pandan
4269
Cobo
4269
Anajao
4271
Sisiran B.
4268
Tabgon
4268
Pitogo B.
Manambrag
CATANDUANES I.
4269
4269
4269
Kalapadan
4223
Lagonoy Gulf
Cabugao
4289
4237
TABACO B.
Rapurapu Str.
4259
Albay Gulf
Legaspi
4221
4220
13°00'
SORSOGON B.
Gubat
4258
4454
S. Miguel
4454
S. Jacinto
TICAO I.
4455
Masbate Hbr.
MASBATE
Matnog B.
4258
SAN BERNARDINO STR.
4219
4220
4418
4449
Laoang B.
4421
4421
S—A—M—A—R I.
4420
Oras B.
Dolores
4456
Calbayog
12°00'
4455
Cataingan
4405
4458
Sta. Niño
Sulat B.
4420
4458
Parasan
4422
Port Libas
4422
Borongan
4422
BILIRAN I.
124°00'
125°00'
30'
20°02'

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

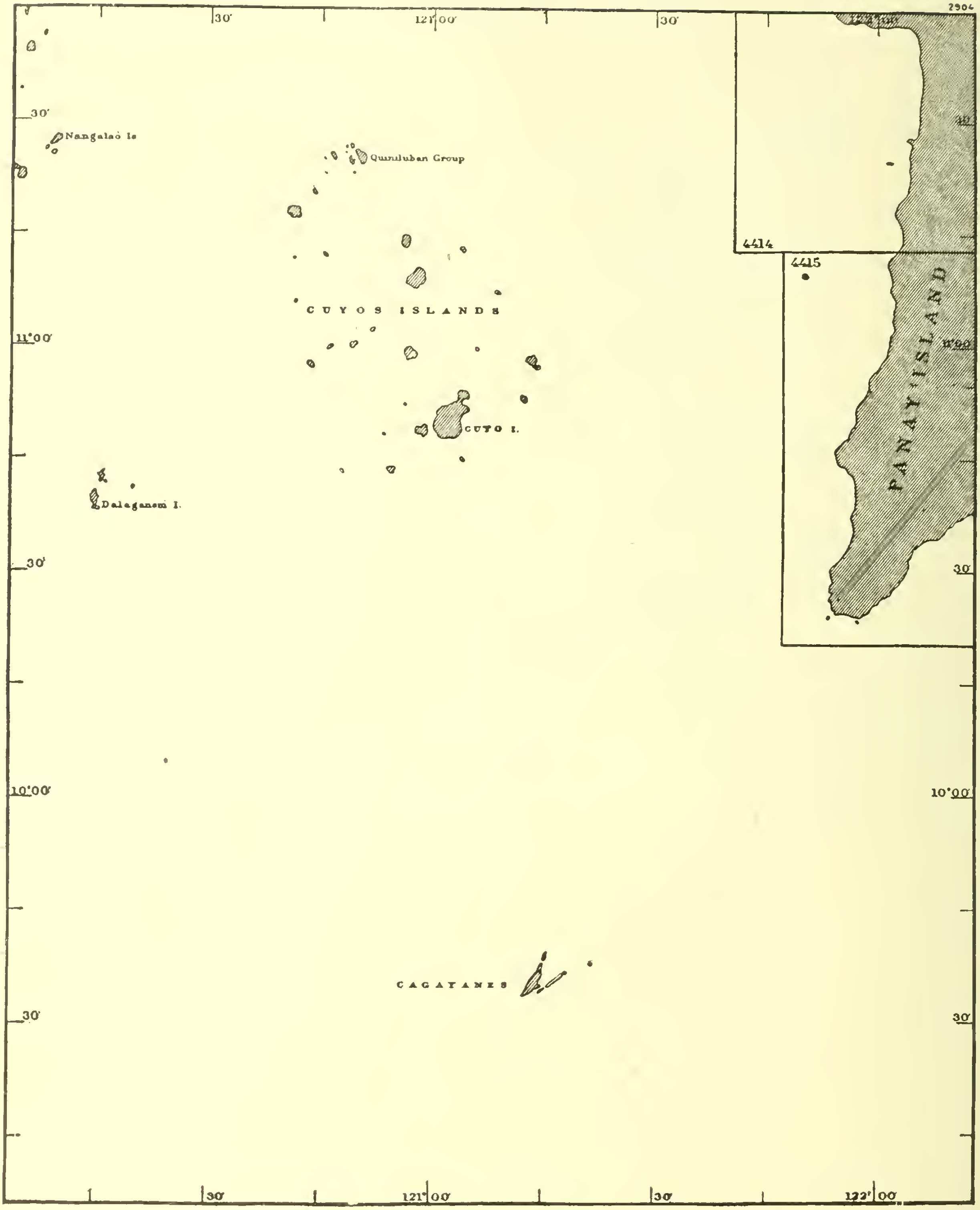
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4456	Harbors of Samar and Leyte				24 × 28	1914	$0.30
	Jibatan River, west coast	Samar	$\frac{1}{50,000}$	1.46			
	Santo Niño	Santo Niño	$\frac{1}{5,000}$	14.59			
	Parasan Harbor	Daram	$\frac{1}{10,000}$	7.30			
	Biliran Strait	Leyte and Biliran.	$\frac{1}{20,000}$	3.65			
	Port Palompon (see page 176)	Leyte	$\frac{1}{10,000}$	7.30			
4269	Harbors of Catanduanes				24 × 27	1909	.30
	Cabugao Bay, south coast		$\frac{1}{50,000}$	1.46			
	Bagamanoc and Anajao, east coast		$\frac{1}{30,000}$	2.43			
	Cobo Bay, west coast		$\frac{1}{20,000}$	3.65			
	Port Manambrag, west coast		$\frac{1}{20,000}$	3.65			
	Pandan Bay, north coast		$\frac{1}{30,000}$	2.43			
	Jimoto Bay, east coast		$\frac{1}{20,000}$	3.65			
	Kalapadan Bay, east coast		$\frac{1}{30,000}$	2.43			


2903
120°00'
CULION I
Linapacan I
4346
Bacuit
4316
Malampaya Sd
4349
Dumaran I.
P A L A W A N I S L A N D
St Paul B
4346
Ulugan B
Tapul B
4346
Pto Princesa
4343
30'
119°00'
30'
30'
11°00'
30'
10°00'
30'
30'
119°00'
30'
120°00'

PACIFIC OCEAN—PHILIPPINE ISLANDS—Continued.

GEOGRAPHICAL ARRANGEMENT.

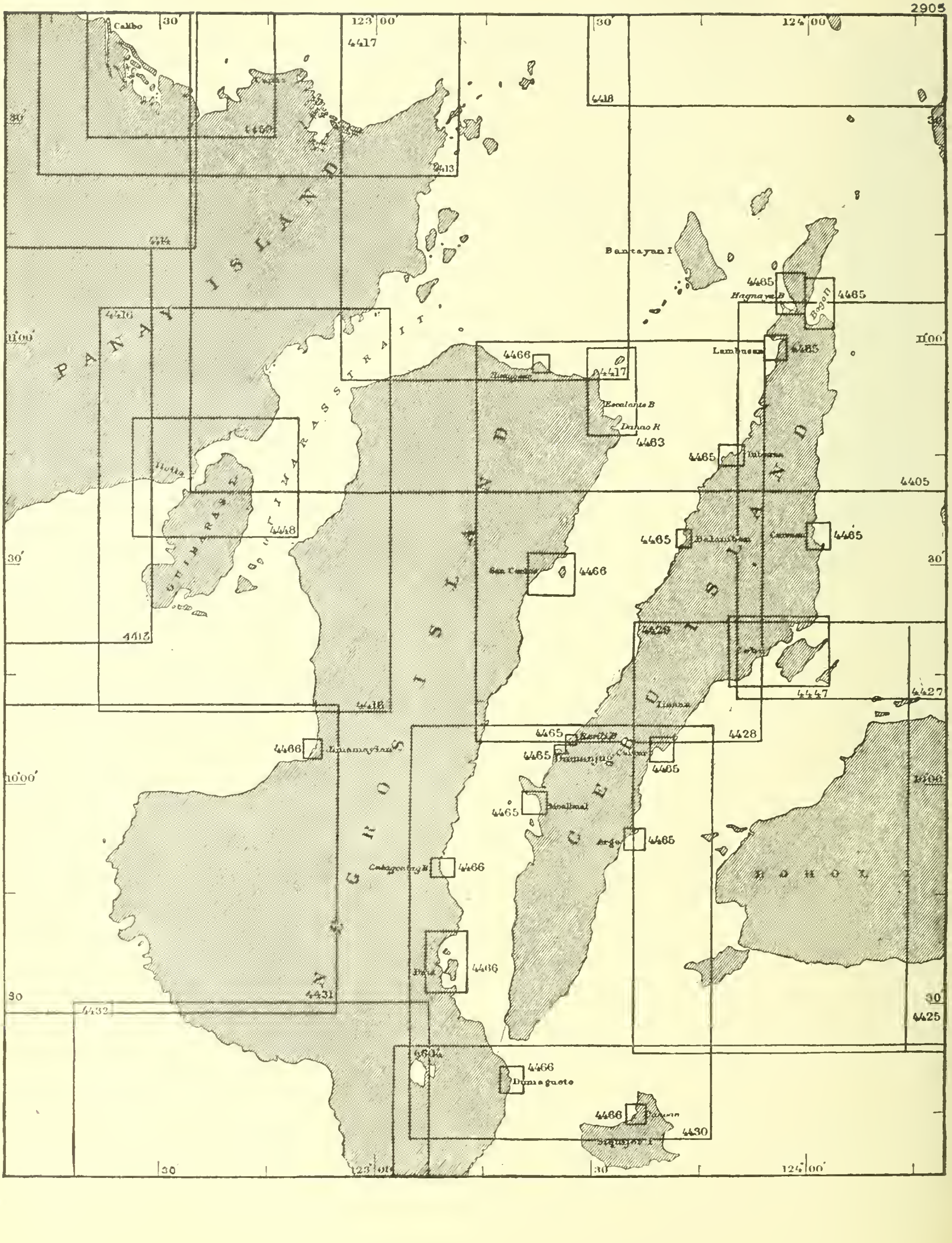
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
4343	Puerto Princesa	Palawan	$\frac{1}{40,000}$	1.82	22 × 27	1917	$0.30
4346	Harbors of Palawan Island				26 × 37	1905	.30
	Bacuit, northeast coast		$\frac{1}{15,000}$	4.86			
	Ulugan Bay, west coast		$\frac{1}{30,000}$	2.43			
	Malanut and Nakoda Bays, west coast (see page 178).		$\frac{1}{30,000}$	2.43			
	Culasian Bay, west coast (see page 178)		$\frac{1}{20,000}$	3.65			
	San Antonio Bay, southeast coast (see page 178).		$\frac{1}{100,000}$	0.73			
	Tapul Bay, east coast, part of		$\frac{1}{20,000}$	3.65			
4316	Northwest coast of Palawan, Malampaya Sound to St. Paul Bay.		$\frac{1}{100,000}$	0.73	31 × 43	1905	.40
4349	Malampaya Sound and approaches	Palawan	$\frac{1}{50,000}$	1.46	25 × 38	1908	.40
4315	Palawan to Culion Island, including Linapacan Strait.		$\frac{1}{100,000}$	0.73	32 × 41	1917	.40


2904
30'
121°00'
30'
122°00'
30'
11°00'
30'
10°00'
30'
Nangalao Is
Quiniluban Group
CUYOS ISLANDS
CUYO I.
Dalaganem I.
CAGAYANES
PANAY ISLAND
4414
4415
121°00'
30'
122°00'
30'
11°00'
30'
10°00'
30'

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

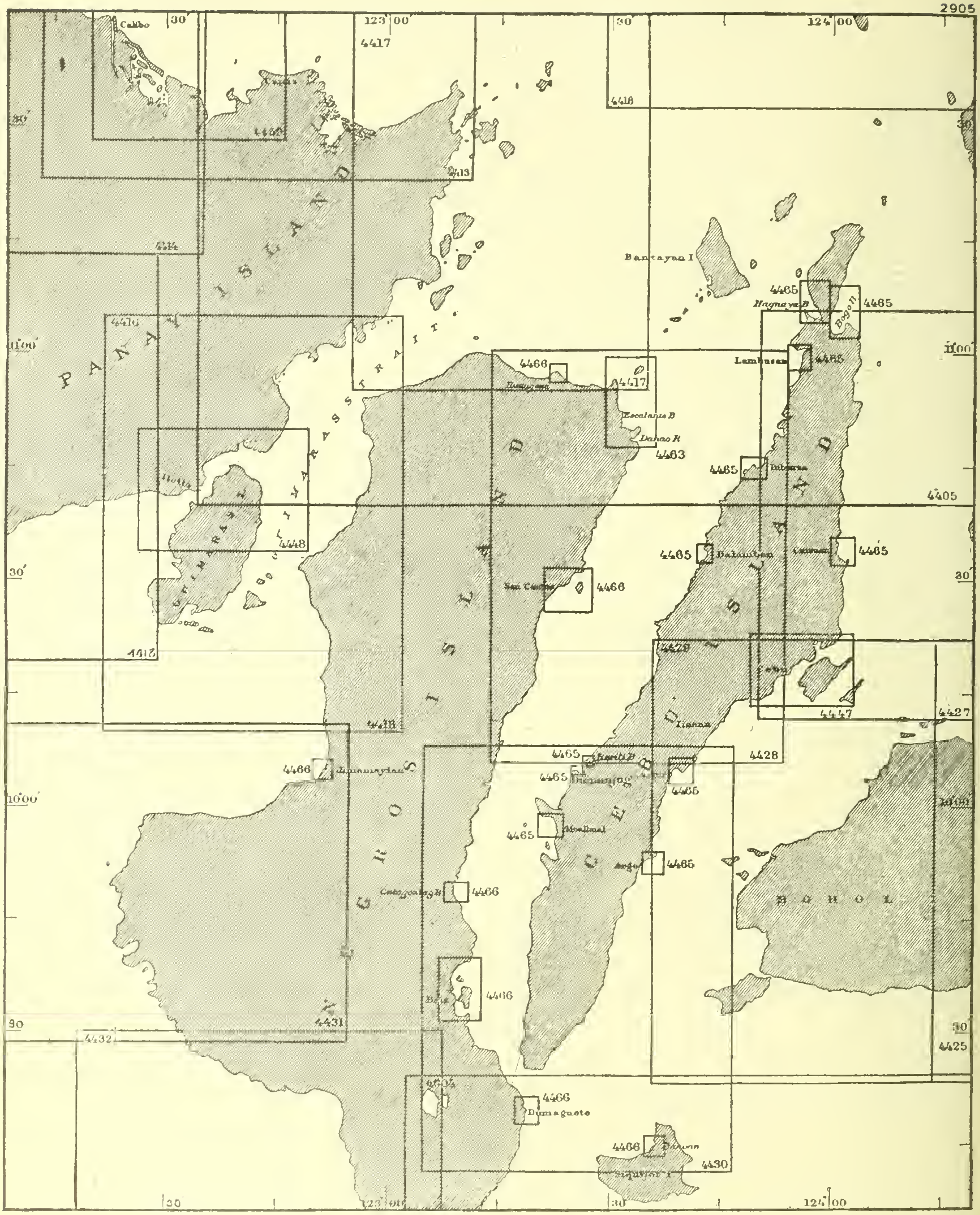
Catalogue number.	TITLE.	Island	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4415	Southwestern Panay (see also page 174)		$\frac{1}{100,000}$	0.73	30 × 40	1913	$0.40


2905
30'
123°00'
124°00'
11°00'
10°00'
Calbo
4417
4418
4413
4414
4416
4412
4448
4431
4432
4405
4463
4465
4466
4428
4429
4447
4427
4425
4430
4604
PANAY ISLAND
GUIMARAS STRAIT
Iloilo
GUIMARAS I
NEGROS ISLAND
CEBU ISLAND
BOHOL I
Bantayan I
Hagnaya B
Bogo
Lambusan
Escalante B
Danao R
Balamban
San Carlos
Cebu
Dumanjug
Argao
Bais
Dumaguete
Siquijor I

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

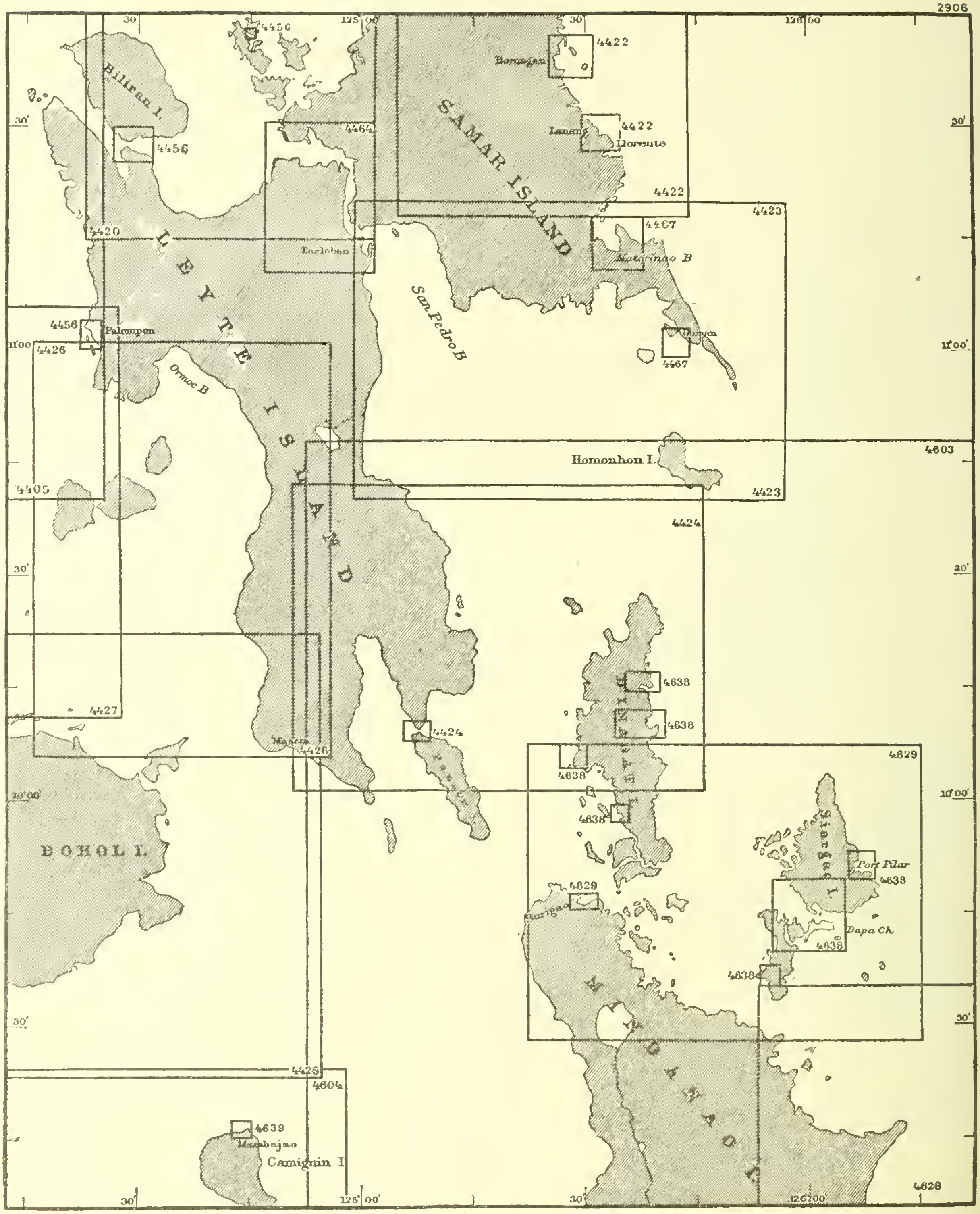
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4405	Visayan Sea		$\frac{1}{200,000}$	0.36	28 × 41	1914	$0.50
4459	Capiz to Calibo (see also page 160)	Panay	$\frac{1}{50,000}$	1.46	29 × 38	1906	.30
4417	Northeast coast of Panay and adjacent islands (see also page 160).		$\frac{1}{100,000}$	0.73	31 × 42	1911	.40
4416	Iloilo and Guimaras Straits	Panay and Guimaras.	$\frac{1}{100,000}$	0.73	30 × 41	1915	.40
4448	Iloilo Strait and Harbor	Panay	$\frac{1}{50,000}$	1.46	24 × 32	1912	.30
	Iloilo River		$\frac{1}{10,000}$	7.30			
	Santa Ana Bay		$\frac{1}{25,000}$	2.92			
4428	Northern part of Tañon Strait	Negros and Cebu.	$\frac{1}{100,000}$	0.73	29 × 40	1911	.40
4447	Cebu Harbor and approaches	Cebu	$\frac{1}{30,000}$	2.43	28 × 35	1910	.30
	Cebu Anchorage		$\frac{1}{10,000}$	7.30			
4463	Escalante Harbor and vicinity	Negros	$\frac{1}{20,000}$	3.65	30 × 43	1909	.30
4413	Northern Panay, Sigat Point to Bulacane Point		$\frac{1}{100,000}$	0.73	28 × 43	1909	.40
4429	Western Bohol	Bohol	$\frac{1}{100,000}$	0.73	30 × 44	1911	.40
4430	Tañon, southeast part	Cebu and Negros.	$\frac{1}{100,000}$	0.73	31 × 42	1911	.40
4432	Southwestern Negros		$\frac{1}{100,000}$	0.73	27 × 35	1913	.40
4431	Western Negros		$\frac{1}{100,000}$	0.73	32 × 36	1914	.40


2905
Calibo
30'
123°00'
4417
4420
4413
4414
30'
124°00'
4418
PANAY ISLAND
GUIMARAS STRAIT
11°00'
4416
Iloilo
4448
GUIMARAS I
30'
4412
4466
4417
Escalante B
Danao R
4463
Bantayan I
4465
Hagnaya B
Bogo B
4465
Lambusan
4465
Tuburan
4465
4405
Balamban
4465
4465
San Carlos
4466
30'
4429
Cebu
4447
4427
4418
NEGROS ISLAND
CEBU ISLAND
4428
4465
4465
Dumanjug
4466
4465
10°00'
4465
Argo
4465
BOHOL
4466
4466
Bais
4431
30
4432
30'
4425
4604
4466
Dumaguete
4466
Siquijor I
4430
30
123°00'
30
124°00'

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

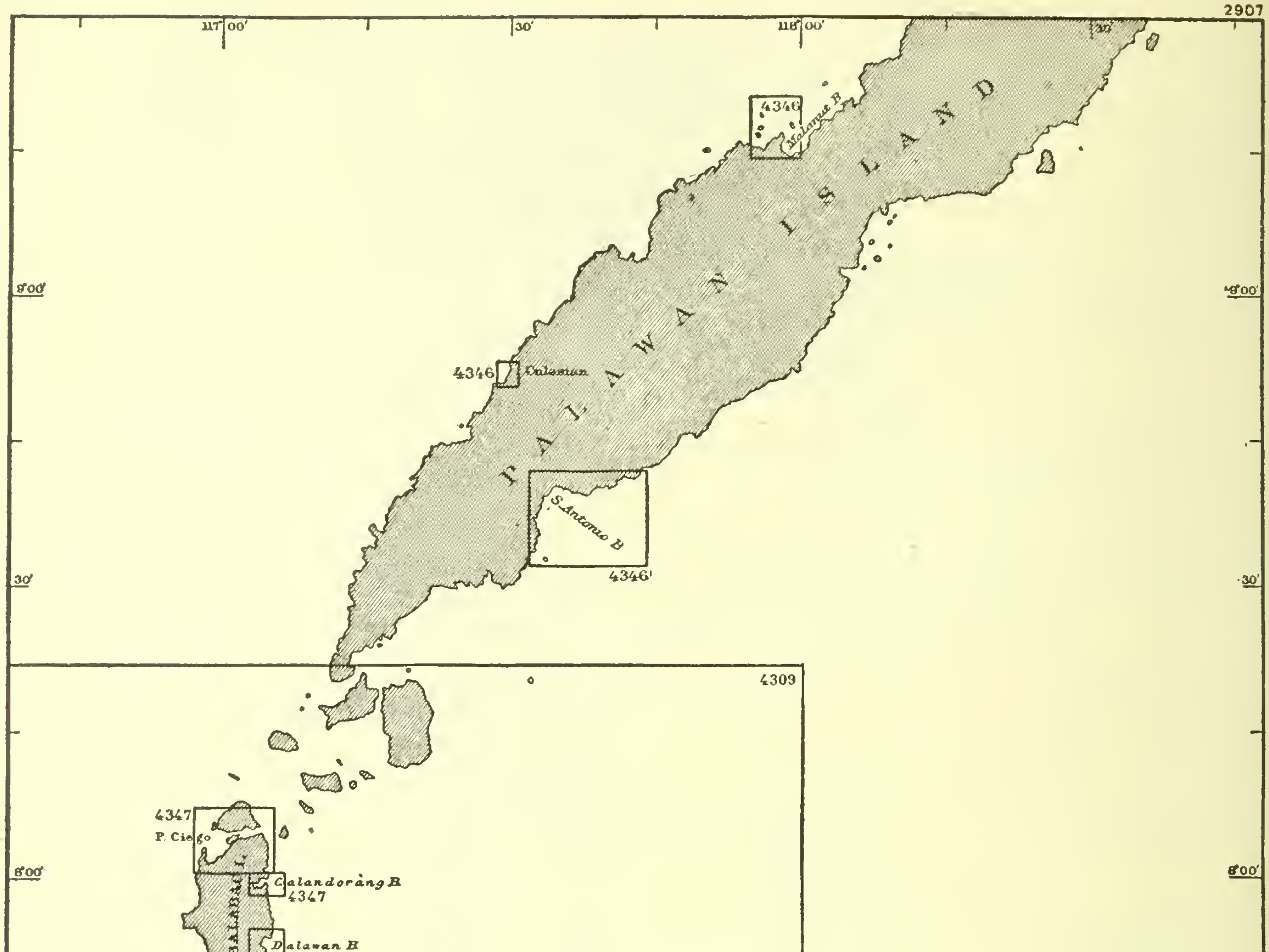
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4465	Harbors in Cebu				25 × 32	1912	$0. 30
	Hagnaya Bay		$\frac{1}{30,000}$	2. 43			
	Tuburan		$\frac{1}{30,000}$	2. 43			
	Balamban Bay		$\frac{1}{30,000}$	2. 43			
	Lambusan Bay		$\frac{1}{30,000}$	2. 43			
	Dumanjug Bay		$\frac{1}{20,000}$	3. 65			
	Moalbual Bay		$\frac{1}{20,000}$	3. 65			
	Argao		$\frac{1}{25,000}$	2. 92			
	Bogo Bay		$\frac{1}{30,000}$	2. 43			
	Carca Bay		$\frac{1}{15,000}$	4. 86			
	Port Carmen		$\frac{1}{15,000}$	4. 86			
	Barili Bay		$\frac{1}{15,000}$	4. 86			
4427	East coast of Cebu	Cebu	$\frac{1}{100,000}$	0. 73	28 × 40	1910	. 40
4466	Harbors in Negros and vicinity				32 × 37	1911	. 30
	Dumaguete	Negros	$\frac{1}{10,000}$	7. 30			
	Himugaan River	Negros	$\frac{1}{15,000}$	4. 86			
	Calagcalog Bay	Negros	$\frac{1}{10,000}$	7. 30			
	Port Canoan	Siquijor	$\frac{1}{5,000}$	14. 59			
	Port Bombonon	Negros	$\frac{1}{10,000}$	7. 30			
	Refugio Pass	Negros	$\frac{1}{35,000}$	2. 08			
	Bais	Negros	$\frac{1}{30,000}$	2. 43			
	Port Siyt	Negros	$\frac{1}{10,000}$	7. 30			
	Himamaylan	Negros	$\frac{1}{20,000}$	3. 65			


2906
30'
125° 00'
126° 00'
11° 00'
10° 00'
Biliran I.
4456
4420
4464
Tacloban
SAMAR ISLAND
4422
Borongan
Lanang
Llorente
4423
4467
Matarinao B
Guiuan
San Pedro B
LEYTE ISLAND
Palompon
Ormoc B
4426
4405
4427
Homonhon I.
4603
4424
Maasin
4638
4629
Siargao I.
Port Pilar
Dapa Ch.
Surigao
BOHOL I.
MINDANAO I.
4425
4604
4639
Mambajao
Camiguin I.
4628

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

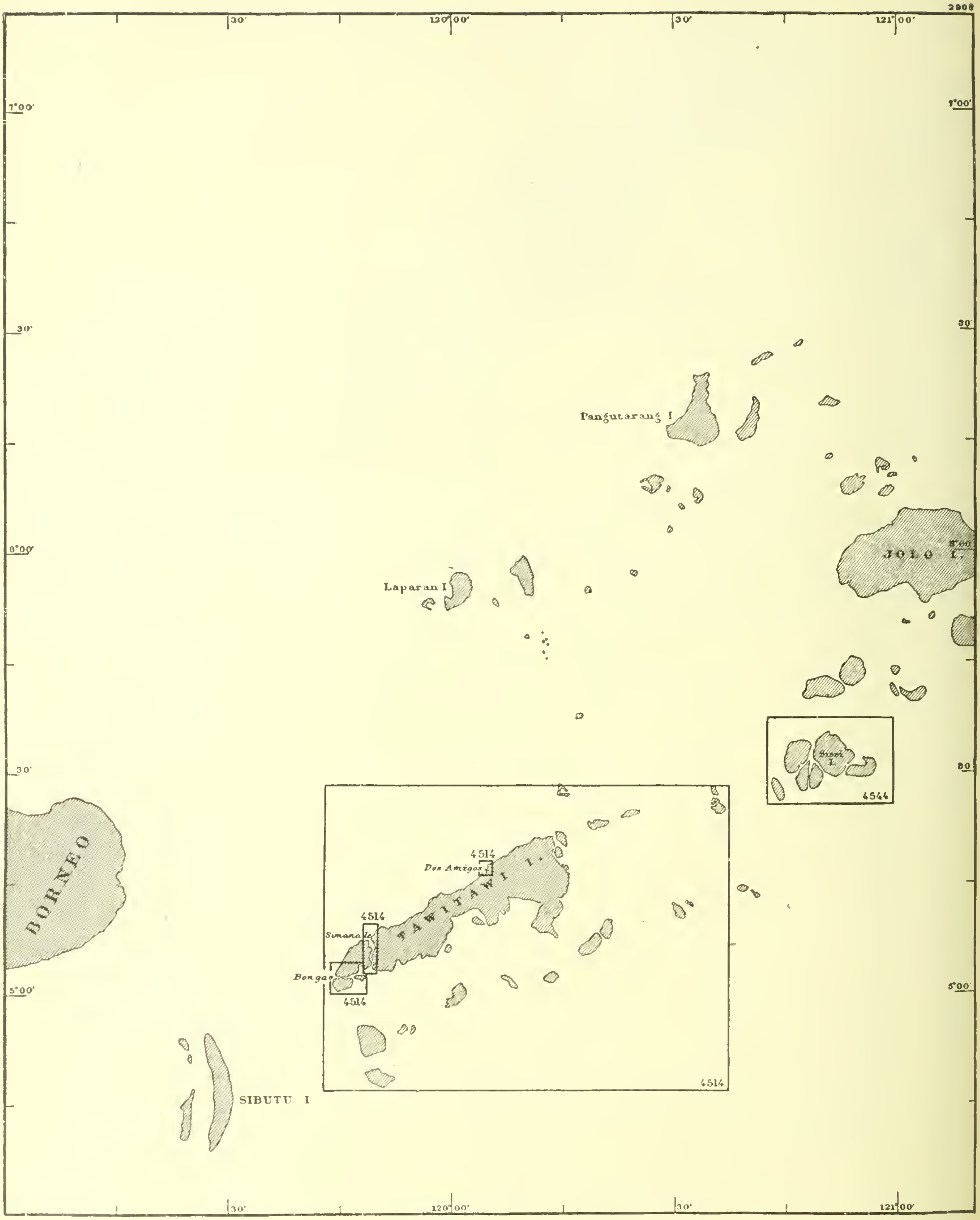
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS— Continued.						
4426	Southwest coast of Leyte, Ormoc Bay to Maasin		$\frac{1}{100,000}$	0.73	30 × 41	1915	$0.40
	Maasin		$\frac{1}{10,000}$	7.30			
4423	Southern part of Samar, San Pedro Bay and part of Leyte.		$\frac{1}{100,000}$	0.73	30 × 43	1910	.40
4425	Eastern Bohol and part of Leyte		$\frac{1}{100,000}$	0.73	31 × 44	1910	.40
4464	San Juanico Strait and Janabatas Channel	Samar and Leyte.	$\frac{1}{30,000}$	2.43	31 × 40	1910	.30
	Northern entrance to San Juanico Strait		$\frac{1}{10,000}$	7.30			
4467	Guiuan	Samar	$\frac{1}{20,000}$	3.65	19 × 31	1911	.30
	and						
	Pambujan Harbors		$\frac{1}{35,000}$	2.08			
4424	Southeast coast of Leyte and Dinagat Island		$\frac{1}{100,000}$	0.73	31 × 41	1913	.40
	Liloan Bay and Panaon Strait		$\frac{1}{10,000}$	7.30			
4603	Surigao Strait and vicinity	Mindanao and Leyte.	$\frac{1}{200,000}$	0.37	34 × 44	1913	.50
4629	Hinatuan Passage	Mindanao	$\frac{1}{100,000}$	0.73	30 × 38	1913	.40
	Surigao		$\frac{1}{10,000}$	7.30			
4638	Harbors on Dinagat, Siargao, and Bucas Islands				30 × 37	1913	.30
	Dapa Channel		$\frac{1}{35,000}$	2.08			
	Gaas Bay and Inlet		$\frac{1}{30,000}$	2.43			
	Dinagat		$\frac{1}{20,000}$	3.65			
	Sohutan Bay and Inlet		$\frac{1}{20,000}$	3.65			
	San Roque		$\frac{1}{25,000}$	2.92			
	Port Pilar		$\frac{1}{30,000}$	2.43			
	Malinao Inlet		$\frac{1}{25,000}$	2.92			


2907
117° 00'
30'
116° 00'
30'
8°00'
30'
7°00'
PALAWAN ISLAND
4346
Malanut B.
4346
Culasian
S. Antonio B.
4346
4309
4347
P. Ciego
BALABAC I.
Calandorang B.
4347
Dalawan B.
4347
Clarendon B.
4347
BALABAC STRAIT
BANGUEY I.
BORNEO
4348
4348
Lapunlapun
Cagayan Sulu

PACIFIC OCEAN—PHILIPPINE ISLANDS—Continued.

GEOGRAPHICAL ARRANGEMENT.

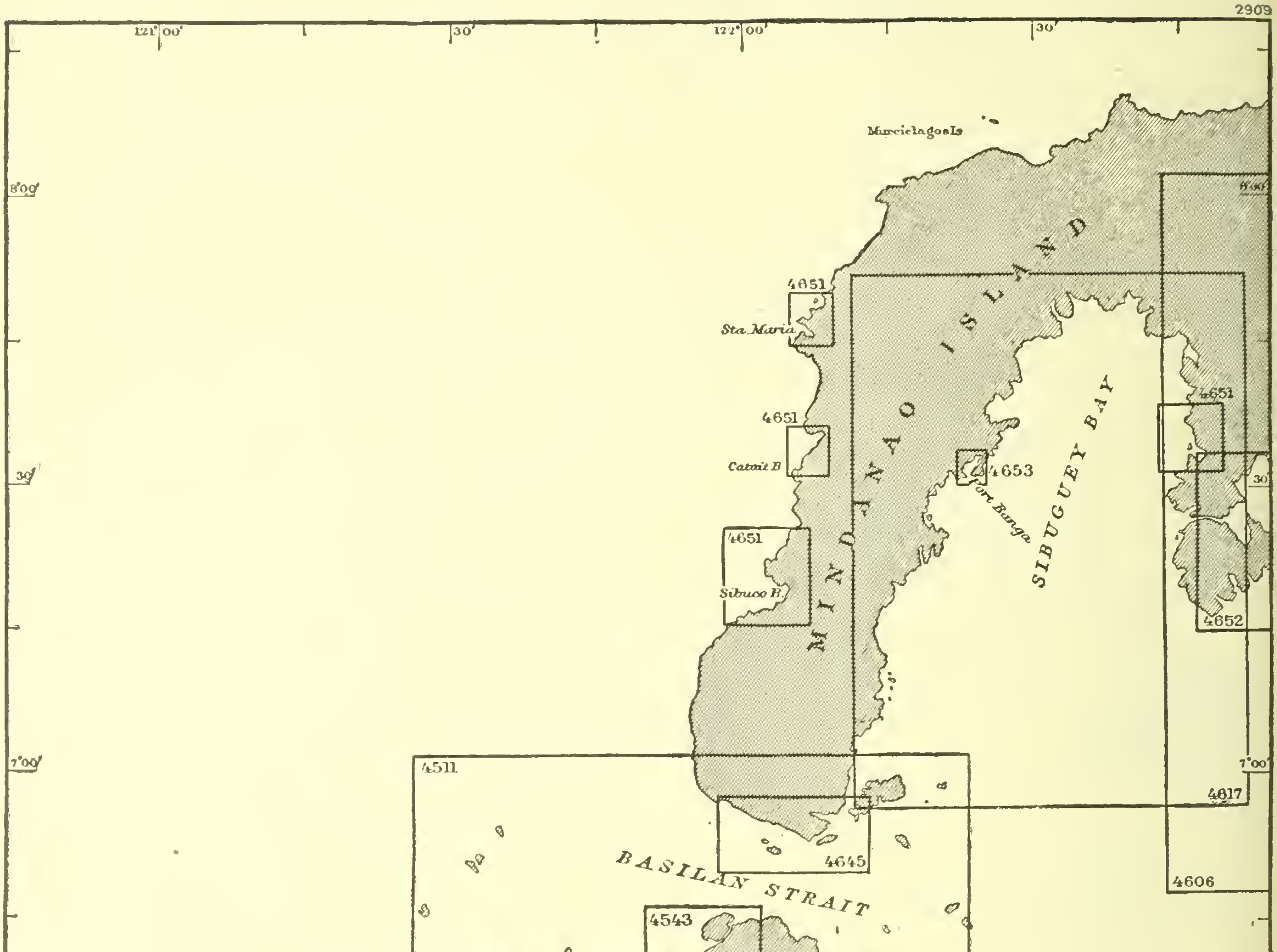
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
4309	Balabac Strait		$\frac{1}{199,000}$	0.37	32 × 42	1910	$0.40
4348	Cagayan Sulu and adjacent islands		$\frac{1}{75,000}$	0.95	19 × 37	1905	.30
	Lapunlapun Anchorage		$\frac{1}{15,000}$	4.86			
4347	Harbors of Balabac Island				23 × 28	1905	.30
	Clarendon Bay, south coast		$\frac{1}{15,000}$	4.86			
	Calandorang Bay, east coast		$\frac{1}{15,000}$	4.86			
	Dalawan Bay, east coast		$\frac{1}{20,000}$	3.65			
	Port Ciego, north coast		$\frac{1}{40,000}$	1.82			


2908
30'
120°00'
30'
121°00'
7°00'
30'
6°00'
30'
5°00'
Pangutarang I
Laparan I
JOLO I.
Siasi I.
4544
BORNEO
TAWITAWI I.
4514
Dos Amigos
4514
Simanale
Bongao
4514
4514
SIBUTU I

PACIFIC OCEAN—PHILIPPINE ISLANDS—Continued.

GEOGRAPHICAL ARRANGEMENT.

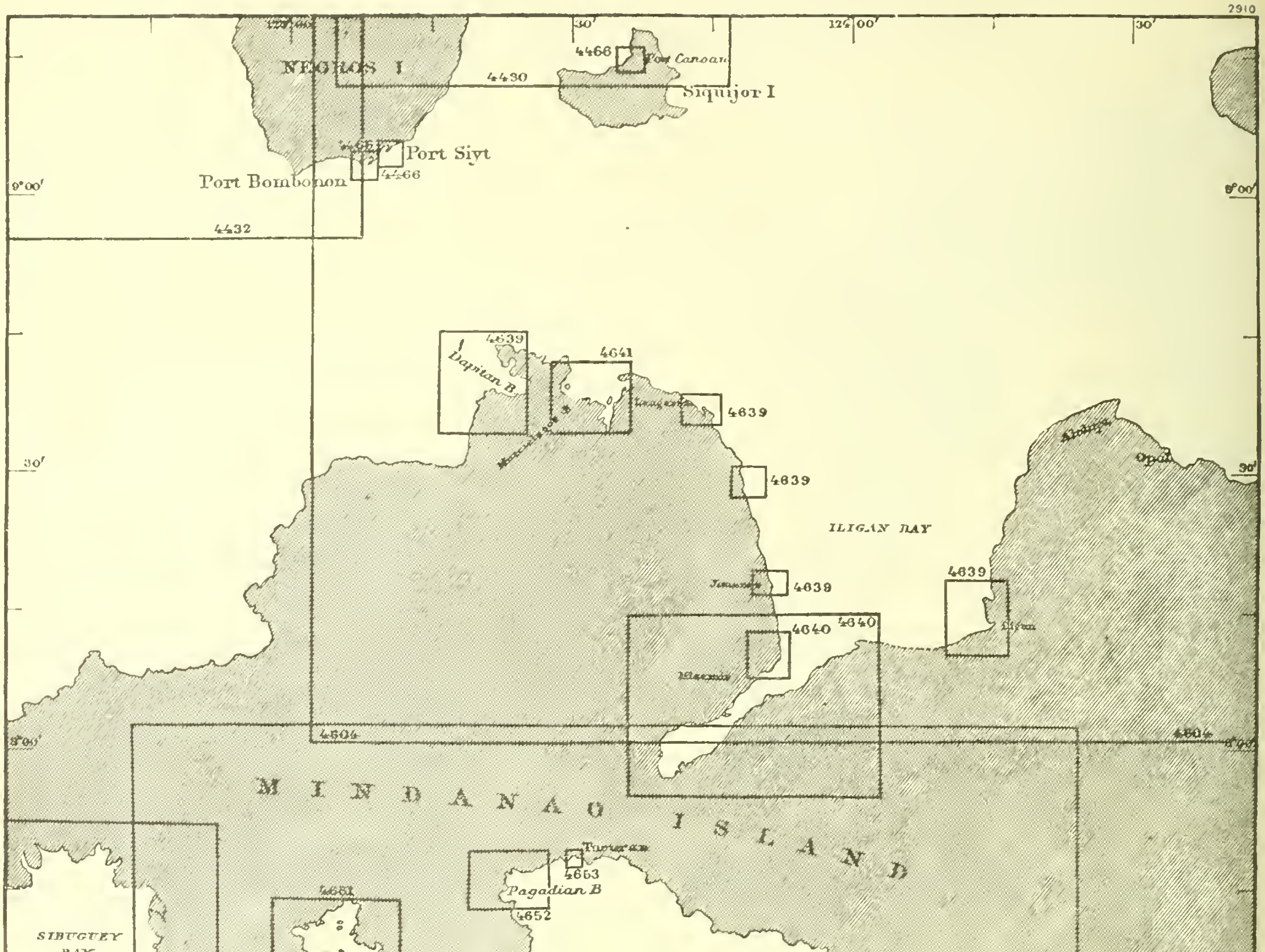
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
4514	Tawitawi Group, Sulu Archipelago		$\frac{1}{100,000}$	0.73	31 × 41	1906	$0.40
	Port Dos Amigos		$\frac{1}{15,000}$	4.86			
	Port Bongao		$\frac{1}{25,000}$	2.92			
	Simanale Bay and Channel		$\frac{1}{25,000}$	2.92			
4544	Siasi and Lapac Islands		$\frac{1}{30,000}$	2.43	31 × 41	1906	.30


2909
121° 00'
30'
122° 00'
30'
8° 00'
30'
7° 00'
30'
6° 00'
Murcielagos Is
MINDANAO ISLAND
SIBUGUEY BAY
4651
Sta. Maria
4651
Cataït B
4651
Sibuco B.
4653
Port Banga
4652
4817
4606
4511
4645
BASILAN STRAIT
4543
BASILAN I
4511
4542
4512
4541
JOLO I
4541
Dalrymple H
4541
Ton Sandungan Ch
Tonquil I
4542

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

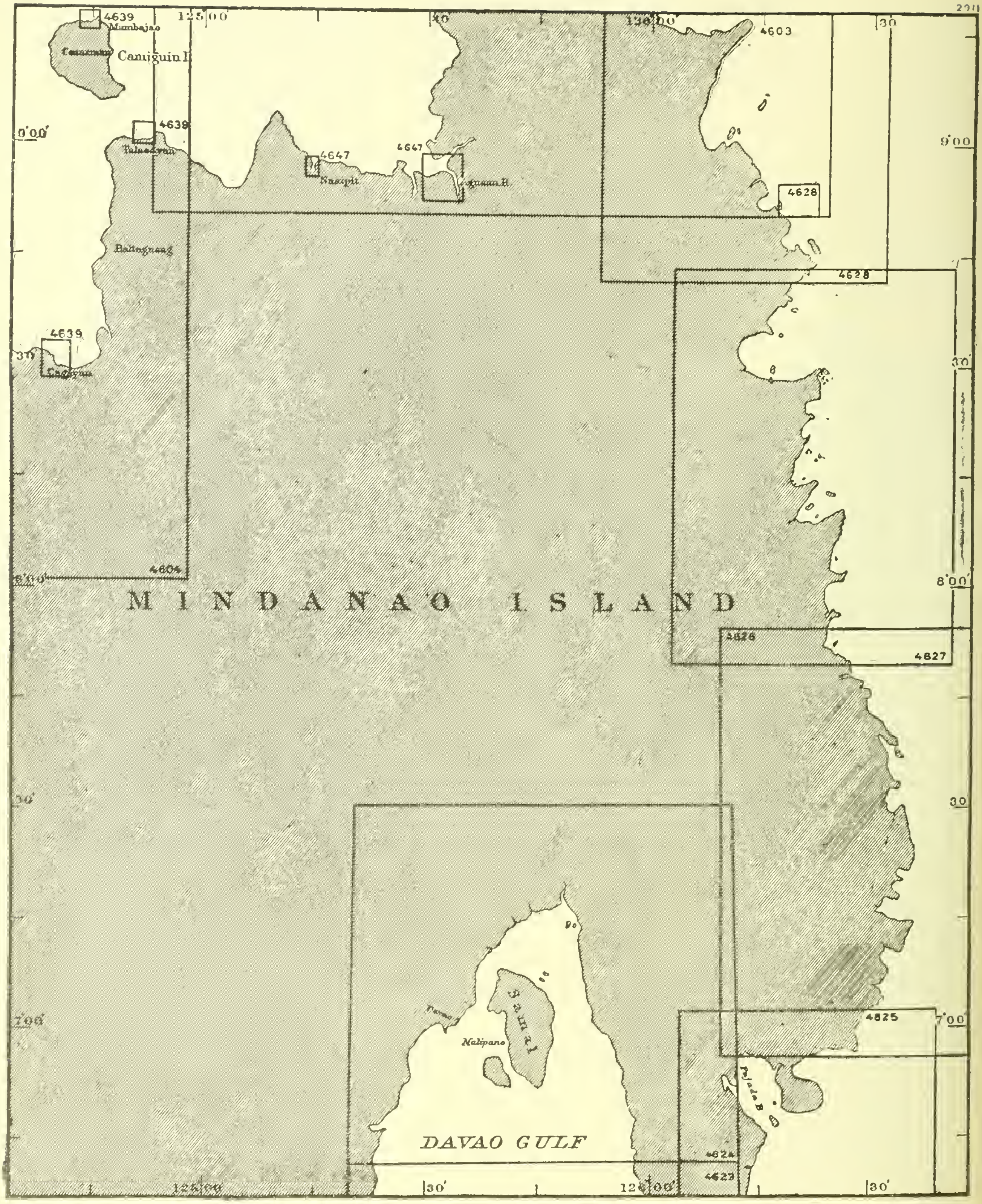
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4511	Basilan Strait	Mindanao and Basilan.	$\frac{1}{100,000}$	0.73	30 × 44	1913	$0.50
4512	Samales Group, Sulu Archipelago	------	$\frac{1}{100,000}$	0.73	30 × 43	1906	.40
	Ton Sandungun Channel	------	$\frac{1}{25,000}$	2.92	------	------	------
4542	Jolo Island and vicinity	------	$\frac{1}{189,000}$	0.38	21 × 25	1911	.30
4541	Anchorages of Jolo Island	Jolo	------	------	26 × 37	1912	.30
	Jolo Anchorage, north coast	------	$\frac{1}{10,000}$	7.30	------	------	------
	Dalrymple Harbor, north coast	------	$\frac{1}{20,000}$	3.65	------	------	------
	Maibun Bay, south coast	------	$\frac{1}{40,000}$	1.82	------	------	------
4543	Isabela Channel and approaches	Basilan	$\frac{1}{25,000}$	2.92	25 × 33	1910	.30
4645	Masingloc Anchorage to Caldera Bay	Mindanao	$\frac{1}{30,000}$	2.43	22 × 38	1912	.30
4617	Sibuguey Bay	Mindanao	$\frac{1}{100,000}$	0.73	30 × 41	1909	.40


2910
30'
124°00'
30'
NEGROS I
4430
4466
Siquijor I
Port Siyt
4466
Port Bombonon
9°00'
4432
4639
Dapitan B.
4641
4639
4639
ILIGAN BAY
4639
4639
4640
4640
30'
8°00'
4604
M I N D A N A O   I S L A N D
4663
Pagadian B
4652
SIBUGUEY BAY
4651
4661
4652
Port Sambulauan
Port Sibulan
DUMANQUILAS B.
Maligay B.
4652
Limbug Cove
4652
I L L A N A   B
Port Baras
4652
4654
4654
Polloc Hbr
4654
30'
7°00'
4617
4606
4655
123°00'
30'
124°00'
30'

PACIFIC OCEAN—PHILIPPINE ISLANDS—Continued.

GEOGRAPHICAL ARRANGEMENT.

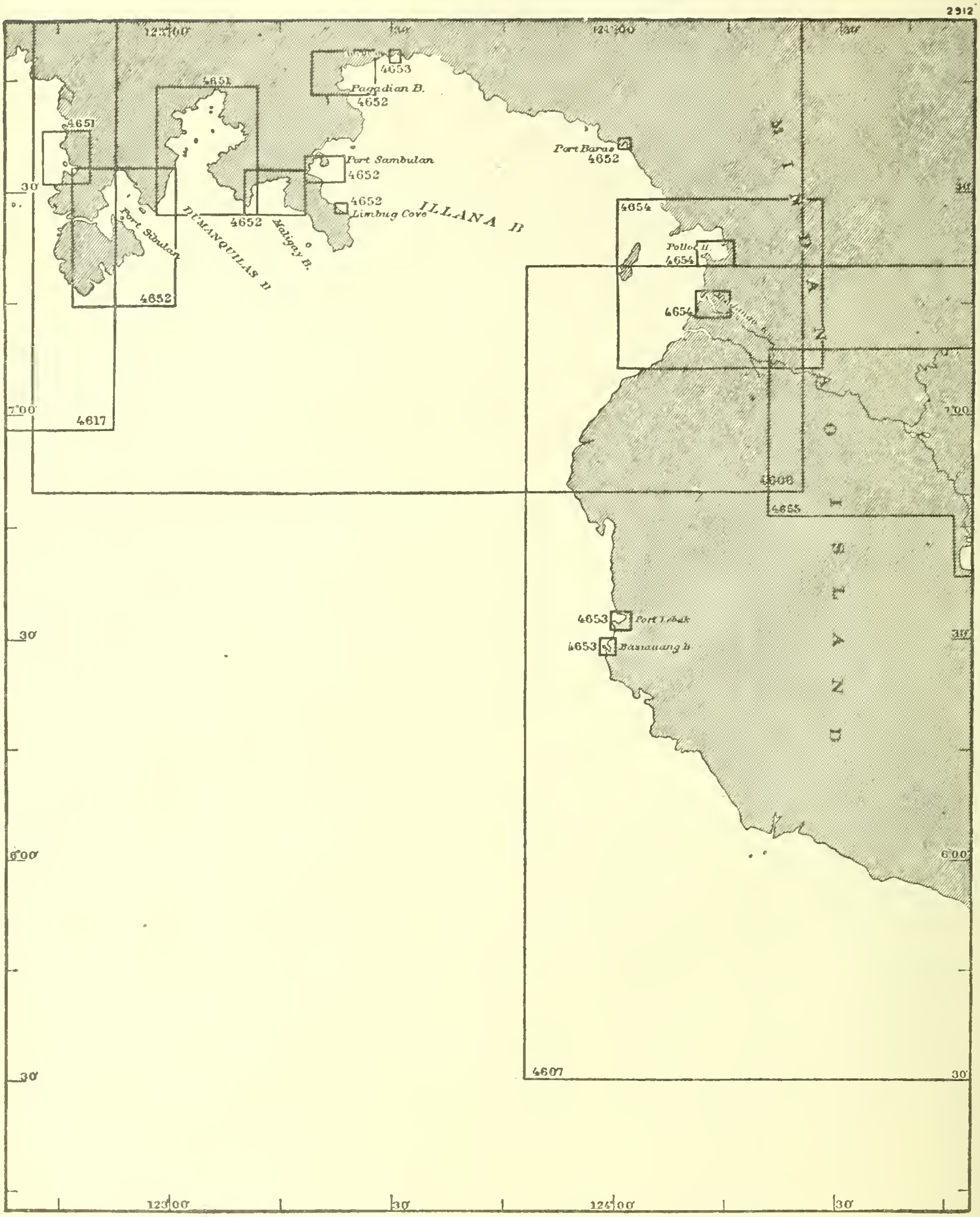
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
4641	Murcielagos Bay	Mindanao	1/30,000	2.43	19 × 23	1901	$0.10
4640	Port Misamis	Mindanao	1/60,000	1.22	26 × 33	1908	.30
	Port Misamis		1/20,000	3.65			
4639	Anchorages in Illigan Bay and vicinity	Mindanao			29 × 35	1911	.30
	Lanagran and Inamuca Bay		1/25,000	2.92			
	Dipitan and Dipolog		1/40,000	1.82			
	Canauayor Anchorage		1/20,000	3.65			
	Jimanuez		1/20,000	3.65			
	Iligan and Overton Anchorages and Queenalong Cove.		1/40,000	1.82			
	Oroquieta		1/20,000	3.65			
	Port Mambajao		1/10,000	7.30			
	Cagayan Anchorage		1/20,000	3.65			
4604	Iligan Bay and vicinity	P. I	1/200,000	0.36	31 × 41	1911	.50


4639
Mambajao
Catarman
Camiguin I.
125°00'
40
126°00'
4603
30
9°00'
4638
Talisayan
4647
Nasipit
4647
4628
Balingasag
4639
Cagayan
4628
30'
4604
8°00'
MINDANAO ISLAND
4626
4627
30
Davao
Samal
Malipano
DAVAO GULF
4625
7°00'
Pujada B.
4624
4623
125°00'
30'
126°00'
30'

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

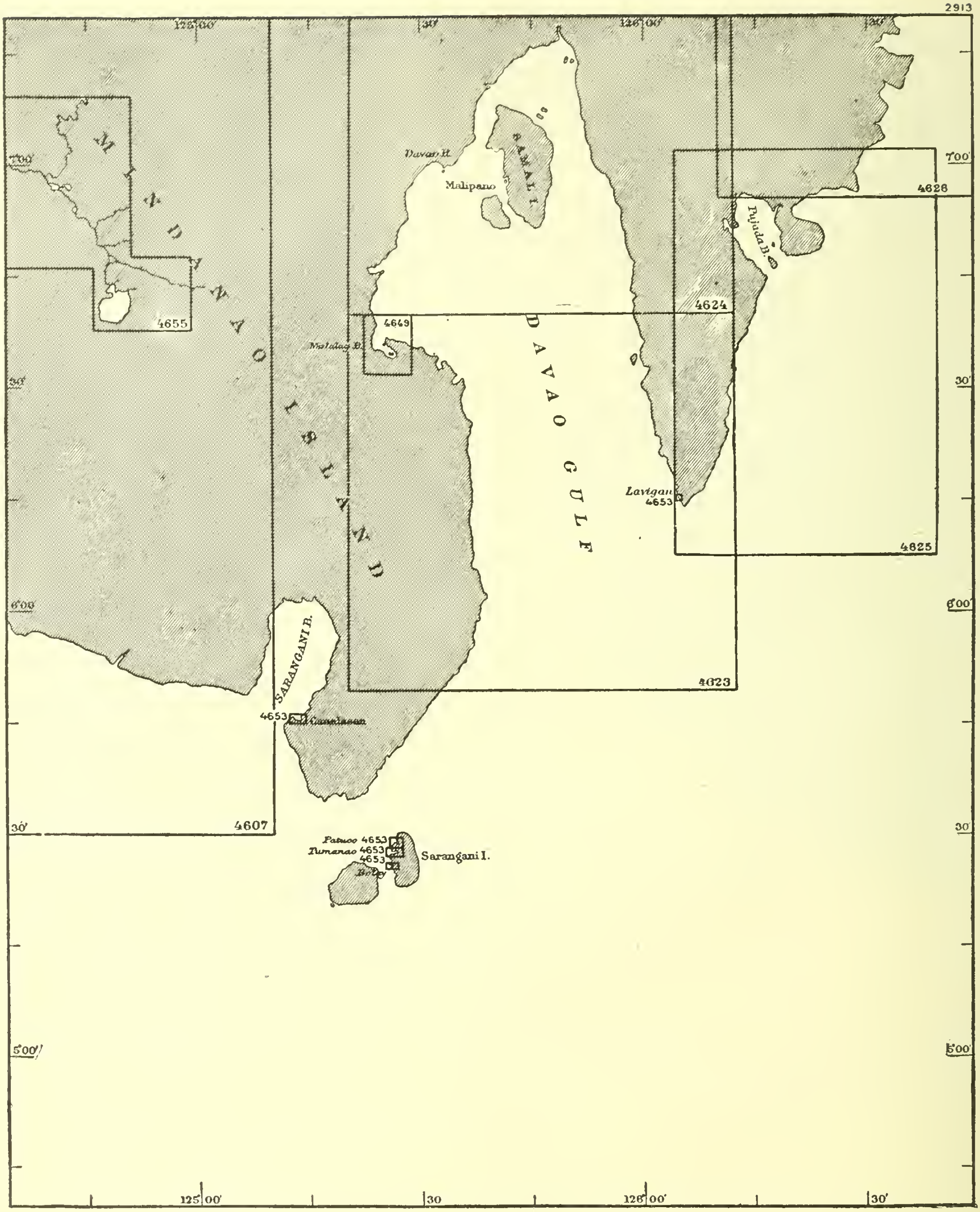
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4651	Harbors on south and west coasts of Mindanao	------	------	------	28 × 32	1913	$0.30
	Dumanquilas Bay (see page 184)	Mindanao	$\frac{1}{75,000}$	0.97	------	------	------
	Taba Bay (see page 184)	Mindanao	$\frac{1}{30,000}$	2.43	------	------	------
	Port Santa Maria (see page 182)	Mindanao	$\frac{1}{40,000}$	1.82	------	------	------
	Panabutan and Cauit Bay (see page 182)	Mindanao	$\frac{1}{40,000}$	1.82	------	------	------
	Sibuco Bay (see page 182)	Mindanao	$\frac{1}{100,000}$	0.73	------	------	------
4647	Agusan River entrance	Mindanao	$\frac{1}{20,000}$	3.65	19 × 28	1911	.30
	Nasipit Harbor	Mindanao	$\frac{1}{15,000}$	4.86	------	------	------
4628	Jobo Point to Tugas Point	Mindanao	$\frac{1}{100,000}$	0.73	30 × 41	1913	.40
	Bitaugan Bay	------	$\frac{1}{30,000}$	2.43	------	------	------
4626	Mayo Bay to Cateel Bay	Mindanao	$\frac{1}{100,000}$	0.73	30 × 41	1915	.40
4627	Cateel Bay to Jobo Point	Mindanao	$\frac{1}{100,000}$	0.73	29 × 40	1915	.40
	Lamon Anchorage	------	$\frac{1}{20,000}$	3.65	------	------	------
	Catarman Anchorage	------	$\frac{1}{20,000}$	3.65	------	------	------


2912
123°00′
30′
124°00′
30′
4653
Pagadian B.
4652
4651
4651
Port Sambulan
4652
4652
Limbug Cove
ILLANA B
Port Baras
4652
30′
Port Sibulan
DUMANQUILAS B
4652
Maligay B.
4652
4654
Pollok H.
4654
4654
MINDANAO ISLAND
7°00′
4617
4608
4655
4653 Port Lebak
4653 Basiauang B.
30′
6°00′
4607
30′
123°00′
30′
124°00′
30′

PACIFIC OCEAN—PHILIPPINE ISLANDS—Continued.

GEOGRAPHICAL ARRANGEMENT.

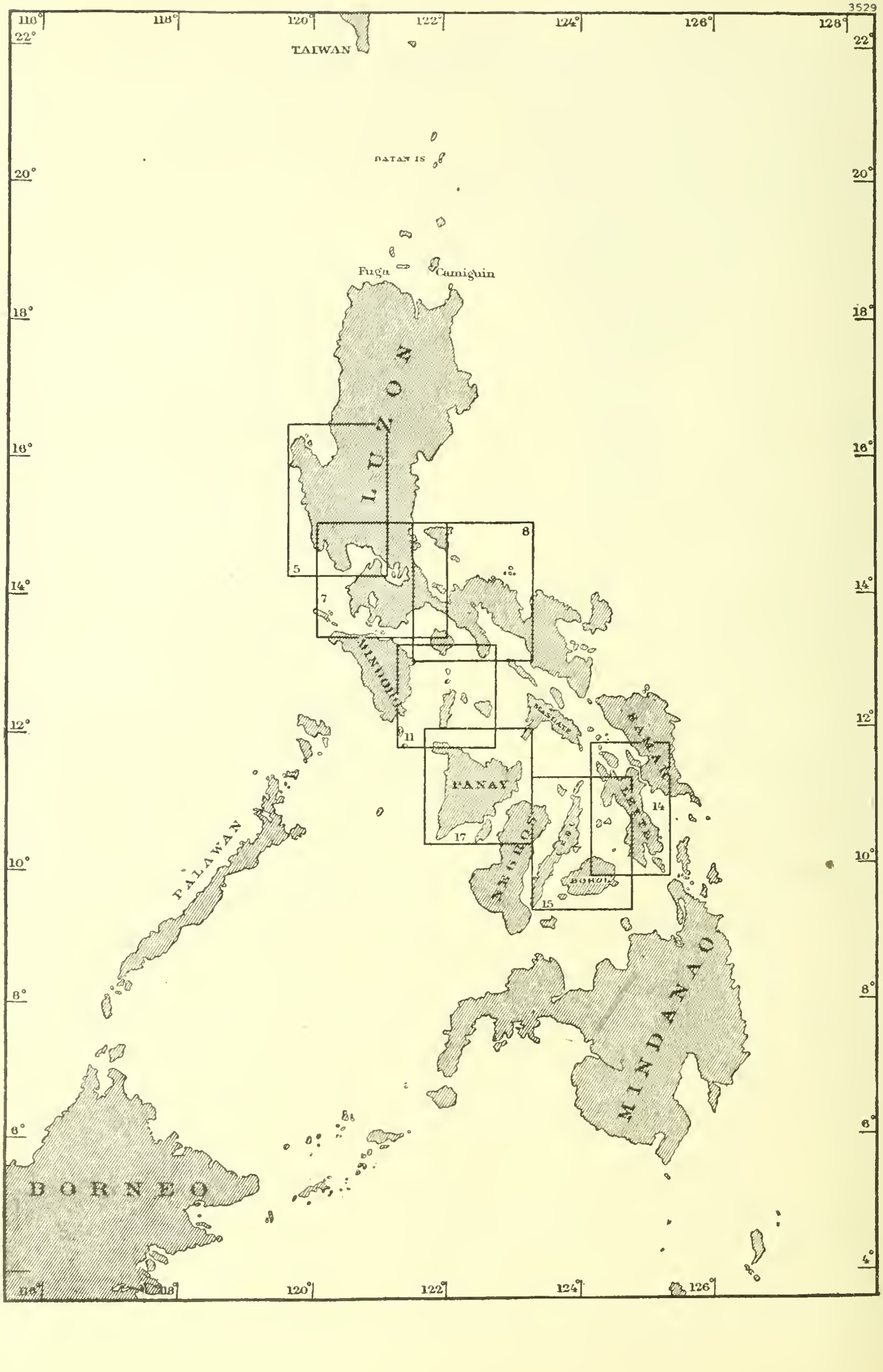
Catalogue number.	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	Coast and Harbor Charts—Continued.						
4654	Mindanao River Delta and Polloc Harbor	Mindanao	$\frac{1}{50,000}$	1.46	34×41	1917	$0.40
	Parang and Polloc anchorages		$\frac{1}{20,000}$	3.65			
	Mindanao River anchorage and Cotabato entrance.		$\frac{1}{20,000}$	3.65			
4655	Mindanao River, upper part	Mindanao	$\frac{1}{50,000}$	1.46	34×42	1909	.40
4606	Port Sibulan to Polloc Harbor	Mindanao	$\frac{1}{200,000}$	0.36	28×37	1915	.50
4652	Harbors in Illana Bay	Mindanao			31×33	1912	.30
	Port Sibulan		$\frac{1}{60,000}$				
	Port Baras		$\frac{1}{20,000}$				
	Limbug Cove		$\frac{1}{15,000}$				
	Port Sambulauan		$\frac{1}{30,000}$				
	Pagadian Bay		$\frac{1}{50,000}$				
	Maligay Bay		$\frac{1}{50,000}$				
4607	Cotabato to Sarangani Bay	Mindanao	$\frac{1}{200,000}$	0.36	31×41	1917	.50


2913
125°00'
30'
126°00'
30'
7°00'
4626
Davao B.
Malipano
SAMAL I.
Pujada B.
4624
MINDANAO ISLAND
4655
4649
Malalag B.
DAVAO GULF
Lavigan
4653
4625
30'
6°00'
SARANGANI B.
4623
4653
Canalasan
4607
Patuco 4653
Tumanao 4653
4653
Balut
Sarangani I.
5°00'
125°00'
30
126°00'
30'

PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHICAL ARRANGEMENT.

Catalogue number	TITLE.	Island.	Scale.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4653	Harbors on the south coast of Mindanao	----------	------	------	25 × 34	1910	$0.30
	Lavigan Anchorage	Mindanao	$\frac{1}{5,000}$	14.59	--------	------	--------
	Port Patuco, west coast	Sarangani	$\frac{1}{10,000}$	7.30	--------	------	--------
	Port Bolay, west coast	Sarangani	$\frac{1}{5,000}$	14.59	--------	------	--------
	Port Tumanao, west coast	Sarangani	$\frac{1}{15,000}$	4.86	--------	------	--------
	Canalasan Cove	Mindanao	$\frac{1}{20,000}$	3.65	--------	------	--------
	Basiauang Bay (see page 188)	Mindanao	$\frac{1}{20,000}$	3.65	--------	------	--------
	Port Lebak (see page 188)	Mindanao	$\frac{1}{20,000}$	3.65	--------	------	--------
	Tucuran (see page 188)	Mindanao	$\frac{1}{5,000}$	14.59	--------	------	--------
	Port Banga (see page 182)	Mindanao	$\frac{1}{20,000}$	3.85	--------	------	--------
4649	Malalag Bay, south coast	Mindanao	$\frac{1}{20,000}$	3.85	23 × 25	1907	.20
4623	Southern part of Davao Gulf	Mindanao	$\frac{1}{100,000}$	0.73	32 × 41	1913	.40
4624	Northern part of Davao Gulf	Mindanao	$\frac{1}{100,000}$	0.73	32 × 39	1909	.40
	Davao Anchorage	----------	$\frac{1}{20,000}$	3.85	--------	------	--------
	Malipano Anchorage	----------	$\frac{1}{20,000}$	3.85	--------	------	--------
4625	Cape San Augustin to Mayo Bay	Mindanao	$\frac{1}{100,000}$	0.73	26 × 40	1914	.40
	Balete Bay	----------	$\frac{1}{20,000}$	3.85	--------	------	--------


3529
116°
118°
120°
122°
124°
126°
128°
22°
20°
18°
16°
14°
12°
10°
8°
6°
4°
TAIWAN
BATAN IS
Fuga
Camiguin
LUZON
5
7
8
MINDORO
11
MASBATE
SAMAR
PANAY
17
LEYTE
14
NEGROS
CEBU
BOHOL
15
PALAWAN
MINDANAO
BORNEO

TOPOGRAPHIC MAPS OF THE PHILIPPINE ISLANDS.

Catalogue No.	TITLE.	Scale.	Size.	Date.	Price.
			Inches.		
5	Central Luzon	200,000	32 by 50	1912	$0.50
7	Southern Luzon	200,000	36 by 44	1913	.50
8	Southern Luzon—central sheet	200,000	38 by 45	1916	.75
11	Islands of Tablas, Romblon, and Sibuyan	200,000	30 by 32	1913	.50
14	Leyte	200,000	24 by 44	1914	.50
15	Cebu and Bohol	200,000	38 by 44	1915	.75
17	Panay	200,000	35 by 33	1912	.50

NUMERICAL ARRANGEMENT OF CHARTS.

NUMERICAL ARRANGEMENT OF CHARTS.

Chart No.	Price.	Page.
U	$0.50	91
21	.50	21
51	.50	21
52	.50	21
77	.50	21
78	.50	21
101	.50	23
102	.50	23
103	.50	25
104	.50	25
105	.50	27
109	.50	29
111	.50	29
112	.50	29
113	.50	29
148	.50	53
150	.50	53
151	.50	53
152	.50	55
153	.50	55
154	.50	55
155	.50	57
156	.50	57
157	$0.50	57
158	.50	59
159	.50	59
160	.50	59
161	.50	61
162	.50	61
163	.50	61
164	.50	63
165	.50	63
166	.50	63
167	.50	63
168	.50	65
169	.50	65
172	.50	65
173	.50	65
174	.50	67
175	.50	69
176	.50	69
177	.50	69
178	.50	71
179	.50	71
180	.50	71
181	.50	71
182	$0.50	73
183	.50	73
184	.50	73
185	.50	75
186	.50	75
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196	.50	77
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198	.50	79
199	.50	79
200	.50	79
201	.50	79
202	.50	79
203	.50	81
204	.50	81
207	$0.50	83
208	.50	83
209	.50	83
210	.50	85
211	.50	85
212	.50	85
215	.50	33
216	.50	33
217	.50	33
218	.50	33
225	.50	25
228	.25	27
229	.30	27
242	.30	29
243	.50	29
244	.25	29
246	.50	29
247	.25	31
248	.50	29
249	.50	31
250	.25	29
251	.50	31
252	.50	31

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254	$0.25	33	288	$0.25	27	314	$0.25	27	352	$0.20	31
255	.25	33	289	.25	27	315	.25	27	353	.75	31
256	.25	33	293	.50	33	315*a*	.20	27	353^2	.40	31
262	.25	31	294	.50	41	317	.20	25	354*a*	.20	31
263	.50	35	295	.50	41	318	.20	25	355	.20	31
264	.50	35	296	.50	41	319	.20	25	356	.50	31
265	.50	35	297	.25	31	320	.20	25	357	.20	31
266	.50	35	298	.25	35	321	.20	25	358	.40	33
267	.50	35	299	.25	35	325	.40	27	359	.40	33
268	.50	35	300	.25	23	327	.20	27	361^4	.30	35
269	.50	35	301	.25	23	0329	.25	27	366	.20	35
270	.50	35	303	.25	23	330	.20	27	367	.20	35
271	.50	35	304	.25	23	331	.25	27	368	.20	35
272	.50	39	305	.25	23	337	.50	29	369	.75	39
273	.50	39	306	.25	25	338	.25	29	369^4	.50	39
274	.25	39	307	.25	25	339	.20	29	369^5	.50	39
275	.30	29	308	.25	25	340	.20	29	369^8	.50	39
278	.50	31	309	.25	25	341	.20	29	375	.50	39
281	.50	37	310	.25	25	343	.25	31	376	.50	15
282	.50	37	311	.25	25	345	.25	31	379	.25	41
283	.50	37	311*a*	.20	25	346	.25	31	380	.50	41
284	.50	37	312	.25	27	347	.25	31	381	.50	41
287	.50	39	313	.25	27	348	.25	31	385	.50	45

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400	$0.50	47	450	$0.50	57	529	$0.50	47	584	$0.50	65
406	.20	49	451	.30	47	530	.50	47	901	.50	87
409	.10	49	453	.25	59	531	.50	47	902	.50	87
413	.25	75	455*b*	.40	59	532	.50	81	903	.50	87
420	.25	51	455*c*	.40	59	534	.50	45	904	.50	87
421	.20	51	455*d*	.40	59	535	.50	45	908	.50	87
422	.25	53	458	40	59	536	.50	45	909	.25	87
424	.50	53	465	.15	63	537	.50	49	913	.50	87
425	.50	53	471*a*	.25	67	538	.50	49	914	.50	87
428	.25	55	473	.25	69	539	.50	45	915	.25	87
431	.50	55	474	.25	69	541	.50	39	916	.25	87
434	.20	55	477	.25	69	542	.50	39	917	.50	87
435	.20	55	480	.20	71	543	.30	39	918	.25	87
436	.25	55	490	.25	75	544	.30	39	920	.50	87
437	.25	57	494	.50	47	548	.50	45	921	.50	87
440	.50	57	495	.50	47	549	.50	45	922	.25	87
441	.25	57	504	.50	47	557	.50	45	927	.50	87
443	.25	57	508	.25	59	558	.50	45	928	.50	87
444	.25	57	509	.25	59	559	.50	45	929	.50	87
445	.50	55	517	.50	81	560	.50	45	931	.50	87
446	.25	57	518	.20	79	571	.50	57	932	.25	87
447	.25	57	520	.15	81	577	.50	59	933	.30	87
448	.25	57	525	.50	81	578	.50	39	950	.50	89

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952	$0.50	89	1212	$0.50	33	1281	$0.50	81	4108	$0.25	147
953	.30	89	1213	.50	33				4109	.50	147
954	.30	89	1214	.50	37				4115	.50	147
1000	.50	19	1215	.50	37				4116	.50	147
1001	.50	19	1216	.50	41				4117	.50	147
1002	.50	19	1217	.50	41	3032	.50	15	4200	.50	149
1007	.50	19	1218	.50	41	3035	.30	15	4202	.50	147
1106	.50	21	1219	.50	43	3035 *a*	.50	15	4207	.40	153
1107	.50	21	1220	.50	43	3035 *b*	3.00	15	4208	.40	153
1108	.50	21	1221	.50	43	3036	.30	15	4209	.40	155
1109	.50	21	1222	.50	43	3043	.30	15	4210	.40	155
1110	.50	21	1223	.50	43	3055	.50	15	4214	.40	159
1111	.50	21	1224	.50	43	3059	.25	15	4218	.50	163
1112	.50	21	1225	.50	45	3081	.20	15	4219	.40	165
1113	.50	21	1226	.50	45	3101 to 3190	.10	15	4220	.40	165
1114	.50	21	1227	.50	47				4221	.50	165
1115	.50	21	1228	.50	49	4101	.20	147	4222	.40	165
1116	.50	21	1229	.50	49	4102	.50	147	4223	.40	163
1204	.50	27	1231	.50	49	4103	.25	147	4226	.50	157
1205	.50	27	1232	.50	49	4104	.25	147	4235	.30	155
1206	.50	27	1233	.50	51	4105	.30	147	4236	.30	155
1208	.50	29	1234	.50	51	4106	.25	147	4237	.30	165
1211	.50	37	1252	.50	67	4107	.25	147	4238	.40	155

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4239	$0.30	155	4339	$0.30	159	4423	$0.40	177	4511	$0.50	183
4246	.20	155	4340	.30	159	4424	.40	177	4512	.40	183
4255	.40	155	4342	.30	159	4425	.40	177	4514	.40	181
4257	.30	159	4343	.30	169	4426	.40	177	4541	.30	183
4258	.20	165	4344	.30	159	4427	.40	175	4542	.30	183
4259	.30	165	4346	.30	169	4428	.40	173	4543	.30	183
4260	.30	153	4347	.30	179	4429	.40	173	4544	.30	181
4262	.30	153	4348	.30	179	4430	.40	173	4603	.50	177
4263	.20	153	4349	.40	169	4431	.40	173	4604	.50	185
4265	.30	157	4351	.40	159	4432	.40	173	4606	.50	189
4266	.30	155	4405	.50	173	4447	.30	173	4607	.50	189
4267	.30	161	4410	.40	161	4448	.30	173	4617	.40	183
4268	.30	163	4411	.40	161	4449	.30	165	4623	.40	191
4269	.30	167	4412	.40	161	4453	.30	161	4624	.40	191
4270	.30	151	4413	.40	173	4454	.30	161	4625	.40	191
4271	.30	163	4414	.40	161	4455	.30	163	4626	.40	187
4272	.30	163	4415	.40	171	4456	.30	167	4627	.40	187
4273	.20	163	4416	.40	173	4459	.30	173	4628	.40	187
4305	.50	159	4417	.40	173	4463	.30	173	4629	.40	177
4309	.40	179	4418	.40	165	4464	.30	177	4638	.30	177
4316	.40	169	4420	.40	165	4465	.30	175	4639	.30	185
4337	.30	159	4421	.40	165	4466	.30	175	4640	.30	185
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4653	.30	191
4654	.40	189
4655	.40	189
4705	.50	149
4706	.50	149
4707	.50	149
4708	.50	149
4714	.50	149
4715	.50	149
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4718	.50	149
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4720	.50	149
4722	.50	149
4723	.50	149
5002	.50	91
5052	.50	91
5102	.50	93
5106	$0.25	93
5126	.25	93
5128	.20	93
5143	.25	93
5144	.25	93
5145	.25	93
5202	.50	95
5261	.25	95
5302	.50	99
5386	.20	97
5402	.50	99
5403	.50	99
5476	.50	99
5502	.50	103
5520	.15	101
5525	.20	101
5530	.50	101
5531	.50	101
5532	.50	101
5533	.50	101
5534	.50	101
5599	.20	101
5602	.50	105
5618	$0.25	103
5627	.20	103
5651	.20	103
5702	.50	107
5703	.50	105
5705	.50	105
5719	.20	105
5773	.20	105
5795	.40	105
5802	.50	109
5819	.25	107
5832	.50	107
5846	.20	107
5895	.20	107
5909	.20	109
5923	.25	109
5951	.25	109
5952	.20	109
5971	.25	109
5984	.25	109
6000*a*	.30	111
6003	.20	111
6023	.25	111
6058	$0.30	111
6088	.25	111
6100	.50	113
6112	.25	113
6122	.20	113
6146	.25	113
6151	.50	113
6152	.50	113
6153	.50	113
6154	.50	113
6185	.50	113
6195	.25	113
6265	.40	115
6300	.50	117
6303	.25	117
6377	.25	117
6378	.25	117
6380	.50	117
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6412	$0.15	117
6440	.25	117
6443	.50	117
6444	.50	117
6445	.50	117
6446	.25	117
6448	.25	117
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6451	.25	117
6460	.50	117
6462	.25	117
7002	.50	91
8002	.50	91
8051	.25	121
8068	.25	121
8074	.50	121
8075	.50	121
8076	.25	121
8077	.25	121
8084	.25	121
8094	.50	121
8100	.50	119 121
8105	.30	123
8124	$0.25	123
8150	.50	119 123
8151	.50	123
8153	.30	123
8154	.25	123
8155	.50	123
8157	.50	123
8160	.50	123
8162	.50	123
8168	.15	123
8170	.50	123
8174	.15	123
8176	.25	123
8178	......	......
8179	.15	123
8200	.50	119 127
8210	.50	127
8214	.25	127
8216	.25	127
8218	.25	127
8224	.25	127
8227	.25	127
8228	.25	127
8229	$0.25	129
8235	.25	129
8237	.10	129
8241	.50	127
8242	.25	127
8243	.25	125
8244	.50	129
8246	.50	127
8247	.50	125
8250	.50	119 127
8262	.25	129
8280	.50	131
8281	.50	129
8282	.50	129
8283	.50	129
8285	.25	129
8300	.50	119 131
8302	.50	131
8303	.50	131
8304	.50	131
8305	.25	131
8306	.25	131
8455	.25	133
8502	$0.50	91
8513	.25	133
8515	.50	133
8517	.50	133
8519	.50	133
8520	.50	133
8523	.50	133
8524	.25	133
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8527	.50	133
8538	.25	133
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8553	.50	133
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8555	.50	135
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8703	.50	135
8802	.50	91

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8833	.25	137
8841	.25	137
8851	.25	139
8860	.50	145
8881	.20	135
8995	.25	141
8996	$0.50	141
9007	.10	141
9008	.25	141
9050	.50	139
9102	.50	91
9103	.50	145
9104	.30	145
9196	$0.25	143
9302	.50	91
9370	.50	145
9372	.25	145
9373	.25	145
9375	.50	145
9380	.50	145
9381	$0.25	145
9382	.50	145
9385	.25	145
9400	.40	91

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